

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015320.D
 Acq On : 24 Aug 2023 18:27
 Operator : SY/MD
 Sample : 04014-03MSD
 Misc : 4.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEVINS-SB06-Z102-104MSD

Quant Time: Aug 25 03:23:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	169173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	279041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	251400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	110479	54.403	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.800%			
35) Dibromofluoromethane	7.716	113	97549	54.340	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.680%			
50) Toluene-d8	10.179	98	350268	52.415	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.820%			
62) 4-Bromofluorobenzene	12.477	95	131555	53.898	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	33005	45.061	ug/l	93
3) Chloromethane	2.107	50	46029	45.192	ug/l	99
4) Vinyl Chloride	2.247	62	59427	44.145	ug/l	98
5) Bromomethane	2.644	94	45715	48.260	ug/l	100
6) Chloroethane	2.790	64	46519	47.597	ug/l	92
7) Trichlorofluoromethane	3.119	101	108351	47.768	ug/l	96
8) Diethyl Ether	3.528	74	44241	49.732	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	67830	48.115	ug/l	97
10) Methyl Iodide	4.088	142	63657	45.986	ug/l	98
11) Tert butyl alcohol	4.978	59	67689	199.160	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	55373	47.039	ug/l	92
13) Acrolein	3.729	56	15782	85.937	ug/l	99
14) Allyl chloride	4.472	41	97345	46.641	ug/l	97
15) Acrylonitrile	5.161	53	146360	242.774	ug/l	99
16) Acetone	3.954	43	172725	260.356	ug/l	96
17) Carbon Disulfide	4.192	76	84727	40.898	ug/l	98
18) Methyl Acetate	4.479	43	128867	53.007	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	255543	51.054	ug/l	99
20) Methylene Chloride	4.710	84	113499	73.374	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	60728	45.735	ug/l	98
22) Diisopropyl ether	6.119	45	260954	50.108	ug/l	92
23) Vinyl Acetate	6.058	43	657927	211.724	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	137444	48.748	ug/l	97
25) 2-Butanone	6.990	43	229108	243.906	ug/l	96
26) 2,2-Dichloropropane	6.978	77	121534	44.714	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	89043	49.091	ug/l	93
28) Bromochloromethane	7.332	49	63085	48.701	ug/l	93
29) Tetrahydrofuran	7.350	42	132483	235.875	ug/l	91
30) Chloroform	7.502	83	158842	50.255	ug/l	96
31) Cyclohexane	7.783	56	82995	45.526	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	133239	49.539	ug/l	98
36) 1,1-Dichloropropene	7.917	75	93327	46.992	ug/l	99
37) Ethyl Acetate	7.076	43	87344	47.182	ug/l	96
38) Carbon Tetrachloride	7.899	117	112498	47.862	ug/l	96
39) Methylcyclohexane	9.185	83	99516	44.698	ug/l	93
40) Benzene	8.161	78	336941	56.115	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015320.D
 Acq On : 24 Aug 2023 18:27
 Operator : SY/MD
 Sample : 04014-03MSD
 Misc : 4.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEVINS-SB06-Z102-104MSD

Quant Time: Aug 25 03:23:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
 Supervised By :Semsettin Yesilyurt 08/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	43657	45.734	ug/l	92
42) 1,2-Dichloroethane	8.234	62	108158	49.599	ug/l	96
43) Isopropyl Acetate	8.271	43	161003	47.759	ug/l	98
44) Trichloroethene	8.935	130	86502	50.005	ug/l	98
45) 1,2-Dichloropropane	9.216	63	83331	49.216	ug/l	96
46) Dibromomethane	9.301	93	52954	49.588	ug/l	97
47) Bromodichloromethane	9.496	83	129162	50.686	ug/l	100
48) Methyl methacrylate	9.295	41	70976	49.217	ug/l	92
49) 1,4-Dioxane	9.307	88	20422	956.349	ug/l #	54
51) 4-Methyl-2-Pentanone	10.069	43	496647	254.196	ug/l	94
52) Toluene	10.240	92	207702	52.482	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	126456	47.219	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	135409	48.010	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	81069	49.927	ug/l	97
56) Ethyl methacrylate	10.508	69	117803	49.573	ug/l	90
57) 1,3-Dichloropropane	10.788	76	132119	49.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	259930	235.042	ug/l	93
59) 2-Hexanone	10.831	43	370710	256.366	ug/l	92
60) Dibromochloromethane	10.983	129	97331	50.251	ug/l	99
61) 1,2-Dibromoethane	11.087	107	75538	48.971	ug/l	100
64) Tetrachloroethene	10.721	164	106951	61.063	ug/l	97
65) Chlorobenzene	11.514	112	222439	48.562	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	95279	51.264	ug/l	99
67) Ethyl Benzene	11.593	91	469626	58.516	ug/l	99
68) m/p-Xylenes	11.703	106	302495	99.240	ug/l	97
69) o-Xylene	12.026	106	155290	51.141	ug/l	98
70) Styrene	12.044	104	266999	50.804	ug/l	98
71) Bromoform	12.209	173	67179	49.862	ug/l #	99
73) Isopropylbenzene	12.331	105	418212	45.141	ug/l	100
74) N-amyl acetate	12.142	43	143578	42.923	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	106796	44.260	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	82533m	47.150	ug/l	
77) Bromobenzene	12.605	156	99966	44.266	ug/l	97
78) n-propylbenzene	12.672	91	483352	43.935	ug/l	99
79) 2-Chlorotoluene	12.758	91	281009	44.277	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	343952	44.538	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	32433	40.698	ug/l	96
82) 4-Chlorotoluene	12.855	91	288392	43.983	ug/l	100
83) tert-Butylbenzene	13.075	119	318951	45.153	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	361860	46.891	ug/l	99
85) sec-Butylbenzene	13.251	105	460273	44.471	ug/l	99
86) p-Isopropyltoluene	13.367	119	383838	44.731	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	197739	44.146	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	195698	43.560	ug/l	99
89) n-Butylbenzene	13.696	91	357662	44.207	ug/l	96
90) Hexachloroethane	13.959	117	74906	44.002	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	190539	45.536	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22569	48.284	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	121111	45.084	ug/l	99
94) Hexachlorobutadiene	15.111	225	61990	42.423	ug/l	97
95) Naphthalene	15.233	128	1073592	160.432	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	110390	45.501	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
Data File : VY015320.D
Acq On : 24 Aug 2023 18:27
Operator : SY/MD
Sample : 04014-03MSD
Misc : 4.71g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB06-Z102-104MSD

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/25/2023
Supervised By :Semsettin Yesilyurt 08/25/2023

Quant Time: Aug 25 03:23:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

