

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082923\
 Data File : VY015359.D
 Acq On : 29 Aug 2023 17:49
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 31 15:05:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 13:05:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/31/2023
 Supervised By :Semsettin Yesilyurt 08/31/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	184404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	301835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	271500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	21184	10.716	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	21.440%#		
35) Dibromofluoromethane	7.710	113	18953	10.902	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	21.800%#		
50) Toluene-d8	10.179	98	66055	10.492	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.980%#		
62) 4-Bromofluorobenzene	12.477	95	24123	10.321	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.640%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	15984	9.972	ug/l	98
3) Chloromethane	2.107	50	21283	9.998	ug/l	100
4) Vinyl Chloride	2.241	62	24577	9.919	ug/l	90
5) Bromomethane	2.631	94	19311	10.953	ug/l	93
6) Chloroethane	2.778	64	16493	10.127	ug/l	98
7) Trichlorofluoromethane	3.113	101	36005	10.273	ug/l	99
8) Diethyl Ether	3.528	74	11933	9.962	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.887	101	19632	10.106	ug/l	95
10) Methyl Iodide	4.076	142	20352	8.921	ug/l	99
11) Tert butyl alcohol	4.936	59	26286	44.382	ug/l #	89
12) 1,1-Dichloroethene	3.857	96	18261	9.962	ug/l	92
13) Acrolein	3.723	56	18049	50.095	ug/l	98
14) Allyl chloride	4.466	41	28450	9.748	ug/l	98
15) Acrylonitrile	5.155	53	36155	47.968	ug/l	99
16) Acetone	3.942	43	37317	45.227	ug/l	93
17) Carbon Disulfide	4.180	76	53587	9.778	ug/l	99
18) Methyl Acetate	4.473	43	28527	9.545	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	57750	9.693	ug/l	99
20) Methylene Chloride	4.710	84	40505	8.819	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	20754	9.832	ug/l	96
22) Diisopropyl ether	6.113	45	61377	9.615	ug/l	94
23) Vinyl Acetate	6.052	43	191188	53.717	ug/l	95
24) 1,1-Dichloroethane	6.009	63	36444	9.877	ug/l	97
25) 2-Butanone	6.978	43	54925	46.934	ug/l	98
26) 2,2-Dichloropropane	6.972	77	31738	10.127	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	23618	9.863	ug/l	96
28) Bromochloromethane	7.326	49	11616	10.266	ug/l	96
29) Tetrahydrofuran	7.344	42	34757	47.295	ug/l	93
30) Chloroform	7.503	83	38825	10.009	ug/l	97
31) Cyclohexane	7.777	56	35804	10.196	ug/l #	79
32) 1,1,1-Trichloroethane	7.692	97	34748	10.029	ug/l	100
36) 1,1-Dichloropropene	7.911	75	30628	10.033	ug/l	99
37) Ethyl Acetate	7.070	43	24078	10.227	ug/l	100
38) Carbon Tetrachloride	7.893	117	30983	9.827	ug/l	99
39) Methylcyclohexane	9.179	83	36990	9.625	ug/l	95
40) Benzene	8.155	78	83473	9.801	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082923\
 Data File : VY015359.D
 Acq On : 29 Aug 2023 17:49
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 31 15:05:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 13:05:25 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/31/2023
 Supervised By :Semsettin Yesilyurt 08/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	10732m	8.888	ug/l	
42) 1,2-Dichloroethane	8.228	62	28149	9.912	ug/l	97
43) Isopropyl Acetate	8.271	43	38483	9.453	ug/l	98
44) Trichloroethene	8.935	130	23981	9.952	ug/l	96
45) 1,2-Dichloropropane	9.210	63	20730	9.655	ug/l	96
46) Dibromomethane	9.301	93	13899	9.746	ug/l	96
47) Bromodichloromethane	9.496	83	29799	9.771	ug/l	99
48) Methyl methacrylate	9.289	41	17687	9.469	ug/l	91
49) 1,4-Dioxane	9.289	88	5036	190.108	ug/l #	63
51) 4-Methyl-2-Pentanone	10.063	43	111602	47.164	ug/l	95
52) Toluene	10.240	92	53268	9.758	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	30263	9.337	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	33765	9.576	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	19068	9.923	ug/l	91
56) Ethyl methacrylate	10.508	69	26222	9.208	ug/l	93
57) 1,3-Dichloropropane	10.782	76	32747	9.900	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.777	63	49161	48.367	ug/l	95
59) 2-Hexanone	10.831	43	83029	46.763	ug/l	94
60) Dibromochloromethane	10.978	129	21370	9.501	ug/l	98
61) 1,2-Dibromoethane	11.087	107	19153	9.836	ug/l	97
64) Tetrachloroethene	10.715	164	24886	10.099	ug/l	95
65) Chlorobenzene	11.514	112	58420	9.986	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	20600	9.620	ug/l	100
67) Ethyl Benzene	11.593	91	100823	9.597	ug/l	96
68) m/p-Xylenes	11.697	106	79265	19.466	ug/l	96
69) o-Xylene	12.026	106	37671	9.680	ug/l	97
70) Styrene	12.044	104	61979	9.472	ug/l	98
71) Bromoform	12.203	173	13753	9.207	ug/l #	99
73) Isopropylbenzene	12.325	105	100366	9.898	ug/l	100
74) N-amyl acetate	12.142	43	31083	9.124	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	23100	9.543	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	17736m	9.948	ug/l	
77) Bromobenzene	12.605	156	24283	10.111	ug/l	98
78) n-propylbenzene	12.666	91	120575	9.827	ug/l	98
79) 2-Chlorotoluene	12.752	91	68508	9.955	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	84222	9.930	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	7198	8.869	ug/l	95
82) 4-Chlorotoluene	12.849	91	70309	9.830	ug/l	99
83) tert-Butylbenzene	13.075	119	72835	9.805	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	84008	9.976	ug/l	99
85) sec-Butylbenzene	13.252	105	109548	9.887	ug/l	100
86) p-Isopropyltoluene	13.367	119	91638	9.868	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	47435	10.005	ug/l	99
88) 1,4-Dichlorobenzene	13.441	146	48037	10.023	ug/l	97
89) n-Butylbenzene	13.697	91	86071	9.847	ug/l	97
90) Hexachloroethane	13.959	117	16370	9.856	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	42886	9.912	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4442	9.277	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	26831	9.874	ug/l	100
94) Hexachlorobutadiene	15.105	225	15377	10.378	ug/l	100
95) Naphthalene	15.233	128	63187	9.387	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	24938	10.062	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082923\
Data File : VY015359.D
Acq On : 29 Aug 2023 17:49
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/31/2023
Supervised By :Semsettin Yesilyurt 08/31/2023

Quant Time: Aug 31 15:05:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 13:05:25 2023
Response via : Initial Calibration

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

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

