

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015280.D
 Acq On : 23 Aug 2023 05:41
 Operator : SY/MD
 Sample : 04109-02MS
 Misc : 6.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-01(6-7)MS

Quant Time: Aug 23 06:25:27 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 :Romaben Patel 08/23/2023
 Supervised By :Mahesh Dadoda 08/23/2023

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	74376	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	126151	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	111993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	45227	50.657	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.320%			
35) Dibromofluoromethane	7.722	113	37985	46.804	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.600%			
50) Toluene-d8	10.185	98	132840	43.970	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 87.940%			
62) 4-Bromofluorobenzene	12.483	95	44219	40.073	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	13588	41.841	ug/l	99
3) Chloromethane	2.113	50	20478	45.781	ug/l	99
4) Vinyl Chloride	2.253	62	25294	42.738	ug/l	99
5) Bromomethane	2.650	94	21579	52.427	ug/l	100
6) Chloroethane	2.796	64	20127	46.841	ug/l	95
7) Trichlorofluoromethane	3.131	101	44850	44.974	ug/l	98
8) Diethyl Ether	3.534	74	20010	51.163	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.912	101	27856	44.945	ug/l	94
10) Methyl Iodide	4.094	142	22560	37.069	ug/l	99
11) Tert butyl alcohol	4.960	59	42585	292.463	ug/l #	79
12) 1,1-Dichloroethene	3.881	96	22438	43.355	ug/l	93
13) Acrolein	3.747	56	3770	7.168	ug/l	97
14) Allyl chloride	4.491	41	38682	42.157	ug/l	93
15) Acrylonitrile	5.173	53	86555	326.566	ug/l	100
16) Acetone	3.954	43	92923	318.592	ug/l	91
17) Carbon Disulfide	4.204	76	38308	42.059	ug/l #	93
18) Methyl Acetate	4.485	43	123065	115.138	ug/l	95
19) Methyl tert-butyl Ether	5.234	73	114529	52.045	ug/l	94
20) Methylene Chloride	4.728	84	49261	72.375	ug/l	93
21) trans-1,2-Dichloroethene	5.234	96	25402	43.514	ug/l	98
22) Diisopropyl ether	6.131	45	109851	47.978	ug/l	91
23) Vinyl Acetate	6.076	43	64014	46.856	ug/l	97
24) 1,1-Dichloroethane	6.027	63	59487	47.990	ug/l	97
25) 2-Butanone	6.996	43	129966	314.709	ug/l	100
26) 2,2-Dichloropropane	6.990	77	42144	35.268	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	37059	46.472	ug/l	93
28) Bromochloromethane	7.344	49	29353	51.542	ug/l	97
29) Tetrahydrofuran	7.356	42	81377	329.550	ug/l	94
30) Chloroform	7.515	83	67421	48.519	ug/l	99
31) Cyclohexane	7.795	56	36517	45.564	ug/l	94
32) 1,1,1-Trichloroethane	7.710	97	53953	45.628	ug/l	99
36) 1,1-Dichloropropene	7.929	75	38471	42.848	ug/l	100
37) Ethyl Acetate	7.082	43	31666	37.837	ug/l	96
38) Carbon Tetrachloride	7.911	117	45213	42.549	ug/l	97
39) Methylcyclohexane	9.191	83	39603	39.346	ug/l	95
40) Benzene	8.167	78	124025	45.689	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015280.D
 Acq On : 23 Aug 2023 05:41
 Operator : SY/MD
 Sample : 04109-02MS
 Misc : 6.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-01(6-7)MS

Quant Time: Aug 23 06:25:27 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 :Romaben Patel 08/23/2023
 Supervised By :Mahesh Dadoda 08/23/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	21740m	50.376	ug/l	
42) 1,2-Dichloroethane	8.246	62	48624	49.322	ug/l	94
43) Isopropyl Acetate	8.283	43	63837	41.886	ug/l	100
44) Trichloroethene	8.947	130	35797	45.773	ug/l	99
45) 1,2-Dichloropropane	9.222	63	36392	47.543	ug/l	100
46) Dibromomethane	9.313	93	24940	51.659	ug/l	94
47) Bromodichloromethane	9.502	83	56543	49.081	ug/l	99
48) Methyl methacrylate	9.301	41	45554	69.872	ug/l	97
49) 1,4-Dioxane	9.301	88	12712	1316.768	ug/l #	42
51) 4-Methyl-2-Pentanone	10.075	43	272158	308.120	ug/l	95
52) Toluene	10.252	92	77857	43.515	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	49614	40.979	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	52085	40.848	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	40372	54.997	ug/l	96
56) Ethyl methacrylate	10.514	69	42849	39.885	ug/l	97
57) 1,3-Dichloropropane	10.794	76	62379	52.012	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	127311	254.643	ug/l	94
59) 2-Hexanone	10.837	43	195883	299.641	ug/l	93
60) Dibromochloromethane	10.990	129	42339	48.351	ug/l	99
61) 1,2-Dibromoethane	11.093	107	34873	50.008	ug/l	94
64) Tetrachloroethene	10.727	164	44774	57.384	ug/l	97
65) Chlorobenzene	11.520	112	88632	43.436	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	38873	46.951	ug/l	99
67) Ethyl Benzene	11.599	91	157350	44.012	ug/l	99
68) m/p-Xylenes	11.709	106	111540	82.143	ug/l	97
69) o-Xylene	12.032	106	57946	42.838	ug/l	98
70) Styrene	12.050	104	98556	42.097	ug/l	96
71) Bromoform	12.209	173	29183	48.622	ug/l #	98
73) Isopropylbenzene	12.331	105	149293	48.257	ug/l	100
74) N-amyl acetate	12.148	43	26625	23.837	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	49828	61.841	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	28540m	48.827	ug/l	
77) Bromobenzene	12.611	156	37798	50.124	ug/l	93
78) n-propylbenzene	12.672	91	176743	48.110	ug/l	100
79) 2-Chlorotoluene	12.758	91	99486	46.943	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	114234	44.297	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	11389	42.798	ug/l	99
82) 4-Chlorotoluene	12.855	91	97446	44.506	ug/l	98
83) tert-Butylbenzene	13.075	119	105865	44.881	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	114209	44.320	ug/l	99
85) sec-Butylbenzene	13.257	105	145462	42.089	ug/l	99
86) p-Isopropyltoluene	13.373	119	116771	40.752	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	64983	43.446	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	64175	42.778	ug/l	98
89) n-Butylbenzene	13.696	91	97069	35.929	ug/l	96
90) Hexachloroethane	13.965	117	24393	42.911	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	65827	47.111	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10093	64.663	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	28101	31.326	ug/l	94
94) Hexachlorobutadiene	15.111	225	10225	20.955	ug/l	97
95) Naphthalene	15.239	128	119042	53.272	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	26967	33.287	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015280.D
Acq On : 23 Aug 2023 05:41
Operator : SY/MD
Sample : 04109-02MS
Misc : 6.92g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-01(6-7)MS

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/23/2023
Supervised By :Mahesh Dadoda 08/23/2023

Quant Time: Aug 23 06:25:27 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

