

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016477.D
 Acq On : 24 Nov 2023 11:53
 Operator : SY/MD
 Sample : VY1124SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1124SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023
 Supervised By :Semsettin Yesilyurt 11/27/2023

Quant Time: Nov 27 04:43:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	159859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	248143	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	217091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105521	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70463	48.228	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.460%
35) Dibromofluoromethane	7.722	113	79952	56.719	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.440%
50) Toluene-d8	10.185	98	298606	52.238	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.489	95	100076	53.904	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34736	22.191	ug/l	97
3) Chloromethane	2.113	50	34735	18.948	ug/l	95
4) Vinyl Chloride	2.253	62	38046	19.301	ug/l	94
5) Bromomethane	2.650	94	25700	19.838	ug/l	93
6) Chloroethane	2.796	64	23759	18.889	ug/l	97
7) Trichlorofluoromethane	3.125	101	62581	21.821	ug/l	99
8) Diethyl Ether	3.527	74	16823	19.627	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	35002	20.263	ug/l	98
10) Methyl Iodide	4.094	142	40698	21.815	ug/l	98
11) Tert butyl alcohol	4.954	59	10127	88.514	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	32874	20.350	ug/l	85
13) Acrolein	3.735	56	8913	64.587	ug/l	99
14) Allyl chloride	4.485	41	40204	17.538	ug/l #	89
15) Acrylonitrile	5.161	53	31195	91.707	ug/l	97
16) Acetone	3.948	43	29882	123.645	ug/l	90
17) Carbon Disulfide	4.198	76	100442	20.607	ug/l	99
18) Methyl Acetate	4.479	43	21572	16.798	ug/l #	83
19) Methyl tert-butyl Ether	5.222	73	73768	18.867	ug/l	98
20) Methylene Chloride	4.722	84	41457	22.358	ug/l #	81
21) trans-1,2-Dichloroethene	5.228	96	37808	20.327	ug/l	88
22) Diisopropyl ether	6.118	45	86254	17.459	ug/l #	88
23) Vinyl Acetate	6.064	43	204308	85.347	ug/l #	88
24) 1,1-Dichloroethane	6.021	63	59245	19.438	ug/l #	95
25) 2-Butanone	6.984	43	42657	100.771	ug/l #	85
26) 2,2-Dichloropropane	6.990	77	55916	20.158	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	40729	20.319	ug/l	86
28) Bromochloromethane	7.338	49	20273	17.972	ug/l #	71
29) Tetrahydrofuran	7.350	42	23645	84.509	ug/l #	81
30) Chloroform	7.515	83	64097	20.204	ug/l	98
31) Cyclohexane	7.789	56	52656	18.305	ug/l #	79
32) 1,1,1-Trichloroethane	7.704	97	60806	20.909	ug/l	95
36) 1,1-Dichloropropene	7.917	75	50636	20.688	ug/l	98
37) Ethyl Acetate	7.076	43	17168	17.359	ug/l #	89
38) Carbon Tetrachloride	7.905	117	56487	22.236	ug/l	96
39) Methylcyclohexane	9.185	83	61849	20.279	ug/l	90
40) Benzene	8.167	78	142651	20.744	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8932	17.912	ug/l #	88
42) 1,2-Dichloroethane	8.240	62	36549	20.512	ug/l	91
43) Isopropyl Acetate	8.277	43	32735	17.124	ug/l #	83
44) Trichloroethene	8.947	130	43154	21.835	ug/l	93
45) 1,2-Dichloropropane	9.215	63	33323	20.177	ug/l	98
46) Dibromomethane	9.307	93	18794	21.000	ug/l	97
47) Bromodichloromethane	9.502	83	48737	21.182	ug/l	99
48) Methyl methacrylate	9.295	41	17151	16.234	ug/l #	75
49) 1,4-Dioxane	9.313	88	3725	392.050	ug/l #	60
51) 4-Methyl-2-Pentanone	10.075	43	83001	85.861	ug/l #	84
52) Toluene	10.246	92	92702	21.326	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	45251	20.287	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	54242	20.360	ug/l #	85
55) 1,1,2-Trichloroethane	10.648	97	26385	21.390	ug/l	96
56) Ethyl methacrylate	10.514	69	23329	20.035	ug/l #	75
57) 1,3-Dichloropropane	10.794	76	42669	20.293	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	72479	91.797	ug/l #	89
59) 2-Hexanone	10.837	43	69813	97.091	ug/l	82
60) Dibromochloromethane	10.990	129	34427	22.316	ug/l	99
61) 1,2-Dibromoethane	11.093	107	25352	21.573	ug/l	98
64) Tetrachloroethene	10.721	164	43558	22.346	ug/l	96
65) Chlorobenzene	11.520	112	98643	21.268	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	38124	22.285	ug/l	99
67) Ethyl Benzene	11.599	91	174930	20.986	ug/l	97
68) m/p-Xylenes	11.709	106	135556	42.875	ug/l	94
69) o-Xylene	12.032	106	63220	21.537	ug/l	95
70) Styrene	12.050	104	91458	21.759	ug/l	96
71) Bromoform	12.215	173	20110	22.655	ug/l #	98
73) Isopropylbenzene	12.337	105	172226	20.155	ug/l	99
74) N-amyl acetate	12.148	43	27575	16.066	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.587	83	26670	19.451	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	19798m	19.558	ug/l	
77) Bromobenzene	12.617	156	40505	20.973	ug/l	90
78) n-propylbenzene	12.678	91	201864	19.990	ug/l	98
79) 2-Chlorotoluene	12.764	91	111507	20.037	ug/l	97
80) 1,3,5-Trimethylbenzene	12.818	105	141831	20.587	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	9114	19.543	ug/l	88
82) 4-Chlorotoluene	12.861	91	117039	20.353	ug/l	99
83) tert-Butylbenzene	13.081	119	124268	20.479	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	139722	20.597	ug/l	97
85) sec-Butylbenzene	13.257	105	177135	20.433	ug/l	98
86) p-Isopropyltoluene	13.373	119	156266	20.934	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	78372	21.093	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	76915	21.182	ug/l	99
89) n-Butylbenzene	13.702	91	138768	20.129	ug/l	97
90) Hexachloroethane	13.965	117	29340	20.375	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	67323	21.145	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4078	18.694	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	41013	22.069	ug/l	98
94) Hexachlorobutadiene	15.117	225	24625	23.129	ug/l	97
95) Naphthalene	15.239	128	67771	20.390	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	32712	21.281	ug/l	99

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

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