

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016592.D
 Acq On : 05 Dec 2023 12:30
 Operator : SY/MD
 Sample : VY1205SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS02

Quant Time: Dec 06 02:22:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/06/2023
 Supervised By :Semsettin Yesilyurt 12/06/2023

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	224436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	336561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	287206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	135038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	102019	49.180	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.360%		
35) Dibromofluoromethane	7.740	113	101729	50.226	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.460%		
50) Toluene-d8	10.197	98	385577	50.328	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.660%		
62) 4-Bromofluorobenzene	12.495	95	128231	50.896	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	41448	20.907	ug/l	99
3) Chloromethane	2.125	50	34971	17.004	ug/l	99
4) Vinyl Chloride	2.266	62	35786	17.230	ug/l	96
5) Bromomethane	2.668	94	23344	17.943	ug/l	95
6) Chloroethane	2.814	64	23517	18.331	ug/l	92
7) Trichlorofluoromethane	3.143	101	78091	19.889	ug/l	98
8) Diethyl Ether	3.546	74	20076	18.359	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.924	101	42373	19.299	ug/l	98
10) Methyl Iodide	4.113	142	46929	20.229	ug/l	99
11) Tert butyl alcohol	4.972	59	13241	93.684	ug/l #	80
12) 1,1-Dichloroethene	3.893	96	38096	19.100	ug/l	91
13) Acrolein	3.747	56	17948	87.348	ug/l	99
14) Allyl chloride	4.503	41	55290	18.164	ug/l	94
15) Acrylonitrile	5.186	53	39116	88.627	ug/l	99
16) Acetone	3.966	43	48752	103.857	ug/l	98
17) Carbon Disulfide	4.216	76	102972	18.414	ug/l	99
18) Methyl Acetate	4.497	43	31729	17.052	ug/l #	89
19) Methyl tert-butyl Ether	5.241	73	97081	19.800	ug/l	100
20) Methylene Chloride	4.741	84	42687	18.505	ug/l	91
21) trans-1,2-Dichloroethene	5.241	96	42709	19.041	ug/l	88
22) Diisopropyl ether	6.143	45	116932	18.679	ug/l	88
23) Vinyl Acetate	6.082	43	281447	93.651	ug/l #	89
24) 1,1-Dichloroethane	6.033	63	72055	18.735	ug/l	98
25) 2-Butanone	7.009	43	64795	100.383	ug/l	97
26) 2,2-Dichloropropane	7.003	77	70510	19.501	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	47647	19.299	ug/l	94
28) Bromochloromethane	7.362	49	26617	17.086	ug/l #	80
29) Tetrahydrofuran	7.368	42	32236	87.595	ug/l	89
30) Chloroform	7.527	83	80602	19.661	ug/l	94
31) Cyclohexane	7.807	56	62921	17.768	ug/l	87
32) 1,1,1-Trichloroethane	7.728	97	76663	19.759	ug/l	98
36) 1,1-Dichloropropene	7.941	75	58572	19.024	ug/l	98
37) Ethyl Acetate	7.088	43	24189	18.775	ug/l	96
38) Carbon Tetrachloride	7.923	117	71649	20.102	ug/l	98
39) Methylcyclohexane	9.203	83	70392	18.976	ug/l	95
40) Benzene	8.179	78	167979	19.356	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	15409m	20.709	ug/l	
42) 1,2-Dichloroethane	8.258	62	49860	19.787	ug/l	96
43) Isopropyl Acetate	8.289	43	46709	18.794	ug/l #	90
44) Trichloroethene	8.959	130	51616	19.722	ug/l	89
45) 1,2-Dichloropropane	9.234	63	39122	18.725	ug/l	99
46) Dibromomethane	9.319	93	21907	19.126	ug/l	95
47) Bromodichloromethane	9.514	83	59132	19.392	ug/l	95
48) Methyl methacrylate	9.307	41	24423	17.016	ug/l	90
49) 1,4-Dioxane	9.319	88	4467	385.310	ug/l #	67
51) 4-Methyl-2-Pentanone	10.087	43	117827	91.226	ug/l	94
52) Toluene	10.258	92	107508	19.766	ug/l	95
53) t-1,3-Dichloropropene	10.484	75	56512	19.637	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	65439	19.362	ug/l	96
55) 1,1,2-Trichloroethane	10.660	97	31531	19.763	ug/l	93
56) Ethyl methacrylate	10.526	69	27628	18.891	ug/l	90
57) 1,3-Dichloropropane	10.807	76	52209	19.370	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.801	63	79065	87.726	ug/l #	90
59) 2-Hexanone	10.849	43	94640	96.861	ug/l	92
60) Dibromochloromethane	11.002	129	41720	19.570	ug/l	99
61) 1,2-Dibromoethane	11.105	107	29556	19.695	ug/l	97
64) Tetrachloroethene	10.734	164	51682	19.635	ug/l	98
65) Chlorobenzene	11.532	112	117417	20.185	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	46719	20.548	ug/l	98
67) Ethyl Benzene	11.605	91	206063	19.752	ug/l	100
68) m/p-Xylenes	11.715	106	160309	40.477	ug/l	93
69) o-Xylene	12.044	106	75369	20.385	ug/l	96
70) Styrene	12.063	104	106996	20.170	ug/l	100
71) Bromoform	12.221	173	25022	20.381	ug/l #	98
73) Isopropylbenzene	12.343	105	207119	20.714	ug/l	98
74) N-amyl acetate	12.154	43	36000	18.056	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.593	83	30571	19.222	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	26305m	21.564	ug/l	
77) Bromobenzene	12.623	156	49360	20.945	ug/l	90
78) n-propylbenzene	12.684	91	239093	20.544	ug/l	98
79) 2-Chlorotoluene	12.770	91	134330	20.482	ug/l	97
80) 1,3,5-Trimethylbenzene	12.825	105	169073	20.809	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	10613	19.626	ug/l	99
82) 4-Chlorotoluene	12.867	91	138009	20.337	ug/l	97
83) tert-Butylbenzene	13.087	119	154693	21.309	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	166943	21.036	ug/l	98
85) sec-Butylbenzene	13.264	105	209310	20.529	ug/l	97
86) p-Isopropyltoluene	13.386	119	183131	20.692	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	93375	20.757	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	89850	20.351	ug/l	98
89) n-Butylbenzene	13.709	91	160206	20.128	ug/l	95
90) Hexachloroethane	13.977	117	34394	19.750	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	80516	20.847	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4766	18.726	ug/l	88
93) 1,2,4-Trichlorobenzene	15.019	180	44219	20.289	ug/l	99
94) Hexachlorobutadiene	15.123	225	28966	21.036	ug/l	99
95) Naphthalene	15.245	128	69546	21.496	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	35149	21.969	ug/l	99

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

