

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011746.D
 Acq On : 09 Dec 2022 16:29
 Operator : KP/MD
 Sample : VY1209SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022

Quant Time: Dec 10 03:37:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:30:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	260031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	406468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	360331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	82869	46.353	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.700%		
35) Dibromofluoromethane	7.716	113	89397	49.460	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.920%		
50) Toluene-d8	10.179	98	278760	46.634	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.260%		
62) 4-Bromofluorobenzene	12.483	95	114569	48.477	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34454	26.713	ug/l	97
3) Chloromethane	2.113	50	33960	22.084	ug/l	98
4) Vinyl Chloride	2.253	62	39660	21.710	ug/l	96
5) Bromomethane	2.643	94	27155	21.990	ug/l	100
6) Chloroethane	2.790	64	26659	20.675	ug/l	98
7) Trichlorofluoromethane	3.125	101	73977	20.696	ug/l	99
8) Diethyl Ether	3.527	74	24764	19.779	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	43843	20.547	ug/l	99
10) Methyl Iodide	4.088	142	49249	19.713	ug/l	99
11) Tert butyl alcohol	4.948	59	28568	114.640	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	40083	20.829	ug/l	99
13) Acrolein	3.722	56	34556	94.269	ug/l	98
14) Allyl chloride	4.478	41	65447	20.474	ug/l	100
15) Acrylonitrile	5.161	53	64751	96.351	ug/l	99
16) Acetone	3.942	43	61011	85.928	ug/l	96
17) Carbon Disulfide	4.198	76	91675	20.860	ug/l	97
18) Methyl Acetate	4.478	43	37739	21.311	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	118020	19.587	ug/l	100
20) Methylene Chloride	4.716	84	62075	21.172	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	43125	19.938	ug/l	96
22) Diisopropyl ether	6.118	45	145027	20.794	ug/l	97
23) Vinyl Acetate	6.063	43	405809	101.993	ug/l	100
24) 1,1-Dichloroethane	6.015	63	84687	19.982	ug/l	99
25) 2-Butanone	6.984	43	86409	94.611	ug/l	100
26) 2,2-Dichloropropane	6.984	77	78585	19.709	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	53359	20.185	ug/l	99
28) Bromochloromethane	7.332	49	29693	19.245	ug/l	99
29) Tetrahydrofuran	7.350	42	50055	96.291	ug/l	99
30) Chloroform	7.508	83	91517	20.199	ug/l	96
31) Cyclohexane	7.789	56	69625	21.226	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	81066	20.062	ug/l	99
36) 1,1-Dichloropropene	7.917	75	63527	20.596	ug/l	100
37) Ethyl Acetate	7.075	43	35215	19.528	ug/l	98
38) Carbon Tetrachloride	7.905	117	73364	20.249	ug/l	99
39) Methylcyclohexane	9.185	83	73048	21.048	ug/l	97
40) Benzene	8.161	78	188466	20.453	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	18392m	20.204	ug/l	
42) 1,2-Dichloroethane	8.234	62	56695	19.896	ug/l	100
43) Isopropyl Acetate	8.270	43	63992	19.570	ug/l	99
44) Trichloroethene	8.941	130	51878	20.102	ug/l	97
45) 1,2-Dichloropropane	9.215	63	48301	20.253	ug/l	99
46) Dibromomethane	9.307	93	25968	19.452	ug/l	98
47) Bromodichloromethane	9.496	83	67809	19.661	ug/l	96
48) Methyl methacrylate	9.295	41	27834	19.311	ug/l	99
49) 1,4-Dioxane	9.301	88	7117	384.817	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	174954	97.103	ug/l	98
52) Toluene	10.246	92	119574	20.412	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	68757	19.959	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	78278	20.224	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	39250	19.892	ug/l	99
56) Ethyl methacrylate	10.508	69	49916	19.597	ug/l	98
57) 1,3-Dichloropropane	10.788	76	65509	19.917	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	118422	100.262	ug/l	100
59) 2-Hexanone	10.831	43	121047	94.030	ug/l	100
60) Dibromochloromethane	10.983	129	48543	19.642	ug/l	100
61) 1,2-Dibromoethane	11.087	107	35542	19.883	ug/l	99
64) Tetrachloroethene	10.721	164	50098	19.651	ug/l	99
65) Chlorobenzene	11.514	112	129634	19.967	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	50430	20.022	ug/l	99
67) Ethyl Benzene	11.593	91	231746	20.257	ug/l	100
68) m/p-Xylenes	11.703	106	179280	40.921	ug/l	99
69) o-Xylene	12.032	106	85777	20.541	ug/l	98
70) Styrene	12.044	104	143076	20.074	ug/l	98
71) Bromoform	12.209	173	30409	19.573	ug/l #	97
73) Isopropylbenzene	12.331	105	232765	20.573	ug/l	99
74) N-amyl acetate	12.142	43	53668	19.729	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	44075	20.003	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	34599m	19.584	ug/l	
77) Bromobenzene	12.611	156	53637	20.305	ug/l	98
78) n-propylbenzene	12.672	91	281658	20.774	ug/l	99
79) 2-Chlorotoluene	12.757	91	157959	20.413	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	197168	20.618	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	15256	19.595	ug/l	98
82) 4-Chlorotoluene	12.855	91	164229	20.462	ug/l	99
83) tert-Butylbenzene	13.074	119	171217	20.562	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	194803	20.689	ug/l	98
85) sec-Butylbenzene	13.251	105	255421	20.597	ug/l	100
86) p-Isopropyltoluene	13.367	119	212060	20.546	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	107511	20.224	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	107480	20.343	ug/l	99
89) n-Butylbenzene	13.696	91	192156	20.480	ug/l	99
90) Hexachloroethane	13.958	117	41616	20.291	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	96975	20.272	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7337	19.099	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	56364	20.201	ug/l	98
94) Hexachlorobutadiene	15.111	225	35756	20.170	ug/l	100
95) Naphthalene	15.239	128	104788	19.391	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	46829	19.431	ug/l	100

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

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