

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012533.D
 Acq On : 08 Feb 2023 11:31
 Operator : KP/MD
 Sample : VY0208SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0208SBS01

Quant Time: Feb 09 07:12:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/09/2023
 Supervised By :Mahesh Dadoda 02/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	130251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	191817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	178673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	85125	51.395	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.780%			
35) Dibromofluoromethane	7.716	113	73507	52.621	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.240%			
50) Toluene-d8	10.179	98	308295	53.023	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.040%			
62) 4-Bromofluorobenzene	12.483	95	103771	51.167	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23581	23.770	ug/l	97
3) Chloromethane	2.113	50	21487	21.173	ug/l	99
4) Vinyl Chloride	2.253	62	26318	20.815	ug/l	99
5) Bromomethane	2.650	94	23132	23.535	ug/l	95
6) Chloroethane	2.790	64	18271	20.761	ug/l	98
7) Trichlorofluoromethane	3.125	101	55053	21.184	ug/l	96
8) Diethyl Ether	3.528	74	15393	19.975	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	27913	21.270	ug/l	99
10) Methyl Iodide	4.095	142	32956	19.371	ug/l	100
11) Tert butyl alcohol	4.948	59	16608	98.356	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	26800	20.668	ug/l	96
13) Acrolein	3.729	56	18813	96.619	ug/l	100
14) Allyl chloride	4.479	41	31723	20.065	ug/l	99
15) Acrylonitrile	5.161	53	34339	96.588	ug/l	99
16) Acetone	3.948	43	36336	91.149	ug/l	97
17) Carbon Disulfide	4.192	76	71985	21.403	ug/l	98
18) Methyl Acetate	4.479	43	17492	18.255	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	75789	19.974	ug/l	100
20) Methylene Chloride	4.716	84	37332	22.771	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	29353	20.757	ug/l	96
22) Diisopropyl ether	6.112	45	67243	20.917	ug/l	95
23) Vinyl Acetate	6.058	43	195107	100.675	ug/l	96
24) 1,1-Dichloroethane	6.015	63	46586	20.271	ug/l	98
25) 2-Butanone	6.984	43	41020	92.742	ug/l	99
26) 2,2-Dichloropropane	6.984	77	52141	20.650	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	33694	20.531	ug/l	100
28) Bromochloromethane	7.332	49	17094	20.463	ug/l	100
29) Tetrahydrofuran	7.344	42	22832	95.485	ug/l	97
30) Chloroform	7.502	83	56395	20.354	ug/l	98
31) Cyclohexane	7.783	56	39618	20.688	ug/l #	94
32) 1,1,1-Trichloroethane	7.704	97	56471	21.003	ug/l	99
36) 1,1-Dichloropropene	7.917	75	40347	21.341	ug/l	100
37) Ethyl Acetate	7.076	43	16527	19.373	ug/l	98
38) Carbon Tetrachloride	7.899	117	53940	21.254	ug/l	98
39) Methylcyclohexane	9.185	83	48357	21.256	ug/l	99
40) Benzene	8.161	78	118018	21.135	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	10043m	21.488	ug/l	
42) 1,2-Dichloroethane	8.234	62	37713	20.837	ug/l	99
43) Isopropyl Acetate	8.271	43	31106	19.666	ug/l	99
44) Trichloroethene	8.941	130	36382	21.403	ug/l	98
45) 1,2-Dichloropropane	9.216	63	25073	20.707	ug/l	99
46) Dibromomethane	9.307	93	16773	20.921	ug/l	99
47) Bromodichloromethane	9.496	83	42532	20.460	ug/l	100
48) Methyl methacrylate	9.295	41	13753	19.022	ug/l	97
49) 1,4-Dioxane	9.295	88	4479	404.693	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	83122	97.403	ug/l	100
52) Toluene	10.246	92	79727	21.054	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	42450	20.265	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	47204	20.824	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	23881	20.385	ug/l	98
56) Ethyl methacrylate	10.508	69	28995	19.700	ug/l	99
57) 1,3-Dichloropropane	10.788	76	39094	20.677	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	69633	105.257	ug/l	98
59) 2-Hexanone	10.831	43	63175	97.958	ug/l	98
60) Dibromochloromethane	10.984	129	32183	20.609	ug/l	100
61) 1,2-Dibromoethane	11.087	107	22856	20.823	ug/l	99
64) Tetrachloroethene	10.721	164	39858	21.368	ug/l	96
65) Chlorobenzene	11.520	112	87045	20.540	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	33603	20.234	ug/l	98
67) Ethyl Benzene	11.593	91	151525	20.367	ug/l	98
68) m/p-Xylenes	11.703	106	123851	41.705	ug/l	99
69) o-Xylene	12.032	106	59042	20.876	ug/l	100
70) Styrene	12.044	104	99469	20.738	ug/l	99
71) Bromoform	12.209	173	21257	20.251	ug/l #	100
73) Isopropylbenzene	12.331	105	161141	20.623	ug/l	100
74) N-amyl acetate	12.142	43	27612	19.521	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	24107	19.080	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	20717m	19.200	ug/l	
77) Bromobenzene	12.611	156	38553	20.357	ug/l	97
78) n-propylbenzene	12.672	91	185096	20.581	ug/l	100
79) 2-Chlorotoluene	12.758	91	104351	20.439	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	140357	20.866	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9439	19.727	ug/l	96
82) 4-Chlorotoluene	12.855	91	110580	20.647	ug/l	99
83) tert-Butylbenzene	13.075	119	121404	20.582	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	138269	20.891	ug/l	99
85) sec-Butylbenzene	13.251	105	175193	20.761	ug/l	100
86) p-Isopropyltoluene	13.367	119	153838	21.014	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	77025	20.441	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	77029	20.407	ug/l	99
89) n-Butylbenzene	13.697	91	129366	20.677	ug/l	100
90) Hexachloroethane	13.959	117	27606	20.545	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	68917	20.330	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5031	20.010	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	43652	20.782	ug/l	99
94) Hexachlorobutadiene	15.111	225	27256	20.888	ug/l	97
95) Naphthalene	15.233	128	77906	19.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	36583	20.121	ug/l	100

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

