

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021023\
 Data File : VY012573.D
 Acq On : 10 Feb 2023 11:32
 Operator : KP/MD
 Sample : VY0210SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0210SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

Quant Time: Feb 10 12:27:05 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	137971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93739	53.429	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.860%			
35) Dibromofluoromethane	7.715	113	79361	52.942	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.880%			
50) Toluene-d8	10.178	98	325952	52.241	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.480%			
62) 4-Bromofluorobenzene	12.477	95	111017	51.011	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	25951	24.843	ug/l	98
3) Chloromethane	2.113	50	23626	21.978	ug/l	98
4) Vinyl Chloride	2.247	62	30155	22.516	ug/l	97
5) Bromomethane	2.637	94	24055	23.049	ug/l	96
6) Chloroethane	2.790	64	20222	21.692	ug/l	98
7) Trichlorofluoromethane	3.119	101	59808	21.726	ug/l	98
8) Diethyl Ether	3.527	74	17836	21.851	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	29687	21.356	ug/l	99
10) Methyl Iodide	4.088	142	38123	21.154	ug/l	100
11) Tert butyl alcohol	4.954	59	18019	100.969	ug/l	98
12) 1,1-Dichloroethene	3.869	96	29528	21.498	ug/l	98
13) Acrolein	3.728	56	23055	111.779	ug/l	97
14) Allyl chloride	4.478	41	34717	20.730	ug/l	97
15) Acrylonitrile	5.155	53	43869	116.490	ug/l	100
16) Acetone	3.942	43	45252	107.163	ug/l	100
17) Carbon Disulfide	4.186	76	75700	21.248	ug/l	98
18) Methyl Acetate	4.472	43	22541	22.209	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	88102	21.920	ug/l	97
20) Methylene Chloride	4.710	84	35633	20.063	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	31843	21.257	ug/l	97
22) Diisopropyl ether	6.118	45	74711	21.940	ug/l	97
23) Vinyl Acetate	6.057	43	229158	111.629	ug/l	97
24) 1,1-Dichloroethane	6.008	63	51361	21.099	ug/l	97
25) 2-Butanone	6.984	43	52139	111.285	ug/l	98
26) 2,2-Dichloropropane	6.972	77	54823	20.498	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	37198	21.398	ug/l	98
28) Bromochloromethane	7.331	49	18850	21.302	ug/l	100
29) Tetrahydrofuran	7.344	42	30131	118.959	ug/l	97
30) Chloroform	7.502	83	61449	20.937	ug/l	96
31) Cyclohexane	7.783	56	42320	20.863	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	60022	21.075	ug/l	99
36) 1,1-Dichloropropene	7.917	75	42689	21.042	ug/l	99
37) Ethyl Acetate	7.069	43	20824	22.747	ug/l	98
38) Carbon Tetrachloride	7.898	117	58349	21.425	ug/l	99
39) Methylcyclohexane	9.179	83	50323	20.614	ug/l	98
40) Benzene	8.154	78	126686	21.142	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	9642m	19.225	ug/l	
42) 1,2-Dichloroethane	8.234	62	42520	21.893	ug/l	99
43) Isopropyl Acetate	8.264	43	38524	22.697	ug/l	99
44) Trichloroethene	8.935	130	39289	21.539	ug/l	97
45) 1,2-Dichloropropane	9.209	63	27341	21.042	ug/l	100
46) Dibromomethane	9.301	93	18969	22.048	ug/l	99
47) Bromodichloromethane	9.496	83	47201	21.159	ug/l	97
48) Methyl methacrylate	9.288	41	17375	22.395	ug/l	99
49) 1,4-Dioxane	9.294	88	5701	480.021	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	108493	118.473	ug/l	100
52) Toluene	10.239	92	85975	21.158	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	48103	21.400	ug/l	95
54) cis-1,3-Dichloropropene	9.928	75	51606	21.215	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	27799	22.113	ug/l	98
56) Ethyl methacrylate	10.508	69	35775	22.651	ug/l	97
57) 1,3-Dichloropropane	10.788	76	45659	22.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	85953	121.077	ug/l	99
59) 2-Hexanone	10.831	43	81270	117.433	ug/l	99
60) Dibromochloromethane	10.983	129	37178	22.186	ug/l	98
61) 1,2-Dibromoethane	11.087	107	26320	22.345	ug/l	99
64) Tetrachloroethene	10.721	164	45626	23.113	ug/l	96
65) Chlorobenzene	11.514	112	95094	21.204	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	37676	21.438	ug/l	98
67) Ethyl Benzene	11.593	91	165570	21.029	ug/l	99
68) m/p-Xylenes	11.703	106	134032	42.648	ug/l	100
69) o-Xylene	12.026	106	64143	21.431	ug/l	100
70) Styrene	12.044	104	108845	21.443	ug/l	99
71) Bromoform	12.202	173	25340	22.811	ug/l #	98
73) Isopropylbenzene	12.331	105	172586	19.790	ug/l	99
74) N-amyl acetate	12.142	43	34534	21.876	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.580	83	29089	20.629	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	24807m	20.599	ug/l	
77) Bromobenzene	12.605	156	43094	20.388	ug/l	98
78) n-propylbenzene	12.666	91	201138	20.039	ug/l	100
79) 2-Chlorotoluene	12.751	91	114564	20.106	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	151907	20.235	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	11597	21.716	ug/l	99
82) 4-Chlorotoluene	12.855	91	120071	20.088	ug/l	100
83) tert-Butylbenzene	13.074	119	131369	19.955	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	151082	20.453	ug/l	100
85) sec-Butylbenzene	13.251	105	190220	20.197	ug/l	99
86) p-Isopropyltoluene	13.367	119	166340	20.359	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	85880	20.420	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	86249	20.474	ug/l	99
89) n-Butylbenzene	13.696	91	141513	20.266	ug/l	100
90) Hexachloroethane	13.958	117	29814	19.880	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	79379	20.981	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6478	23.085	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	49148	20.966	ug/l	99
94) Hexachlorobutadiene	15.111	225	30444	20.905	ug/l	99
95) Naphthalene	15.232	128	98986	21.996	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	43069	21.225	ug/l	99

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

