

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012389.D
 Acq On : 30 Jan 2023 11:53
 Operator : KP/MD
 Sample : VY0130SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

Quant Time: Jan 31 01:46:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	140499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	197926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	62335	53.827	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.660%			
35) Dibromofluoromethane	7.716	113	54336	48.292	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.580%			
50) Toluene-d8	10.179	98	193171	49.508	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.020%			
62) 4-Bromofluorobenzene	12.483	95	75721	47.739	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	26299	21.419	ug/l	97
3) Chloromethane	2.113	50	20370	17.971	ug/l	98
4) Vinyl Chloride	2.253	62	26368	19.930	ug/l	98
5) Bromomethane	2.637	94	24353	23.808	ug/l	88
6) Chloroethane	2.790	64	18373	21.294	ug/l	95
7) Trichlorofluoromethane	3.125	101	58305	22.580	ug/l	99
8) Diethyl Ether	3.527	74	16125	20.987	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.899	101	27207	21.649	ug/l	95
10) Methyl Iodide	4.094	142	28499	14.922	ug/l	90
11) Tert butyl alcohol	4.942	59	20399	142.300	ug/l	96
12) 1,1-Dichloroethene	3.869	96	26923	20.864	ug/l	92
13) Acrolein	3.729	56	6264	101.472	ug/l	99
14) Allyl chloride	4.479	41	30171	18.910	ug/l #	77
15) Acrylonitrile	5.167	53	36350	108.310	ug/l	99
16) Acetone	3.948	43	39257	100.343	ug/l	99
17) Carbon Disulfide	4.192	76	77061	19.307	ug/l	97
18) Methyl Acetate	4.472	43	17585	20.087	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	77927	21.664	ug/l	95
20) Methylene Chloride	4.716	84	37012	17.417	ug/l #	85
21) trans-1,2-Dichloroethene	5.216	96	29848	20.728	ug/l	93
22) Diisopropyl ether	6.118	45	61773	19.420	ug/l #	84
23) Vinyl Acetate	6.058	43	198963	100.378	ug/l #	89
24) 1,1-Dichloroethane	6.015	63	45355	20.557	ug/l	96
25) 2-Butanone	6.984	43	44490	103.008	ug/l #	81
26) 2,2-Dichloropropane	6.978	77	51983	21.704	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	33407	21.121	ug/l	92
28) Bromochloromethane	7.338	49	8854	18.375	ug/l #	58
29) Tetrahydrofuran	7.344	42	23848	100.521	ug/l #	71
30) Chloroform	7.508	83	56710	21.774	ug/l	97
31) Cyclohexane	7.783	56	39387	19.227	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	56649	21.970	ug/l	98
36) 1,1-Dichloropropene	7.917	75	38853	20.318	ug/l	96
37) Ethyl Acetate	7.070	43	17709	21.007	ug/l #	95
38) Carbon Tetrachloride	7.899	117	55204	22.353	ug/l	94
39) Methylcyclohexane	9.185	83	48733	20.854	ug/l	90
40) Benzene	8.161	78	114794	20.799	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	9063m	18.290	ug/l	
42) 1,2-Dichloroethane	8.240	62	39746	22.621	ug/l	98
43) Isopropyl Acetate	8.271	43	31665	20.190	ug/l #	90
44) Trichloroethene	8.941	130	35821	21.714	ug/l	92
45) 1,2-Dichloropropane	9.215	63	23296	20.228	ug/l	95
46) Dibromomethane	9.301	93	16324	21.173	ug/l	94
47) Bromodichloromethane	9.496	83	42857	22.083	ug/l	100
48) Methyl methacrylate	9.289	41	14621	20.233	ug/l #	82
49) 1,4-Dioxane	9.295	88	5060	481.654	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	88334	105.625	ug/l	92
52) Toluene	10.240	92	79011	21.501	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	43947	21.649	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	45733	20.919	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	23514	21.467	ug/l	96
56) Ethyl methacrylate	10.508	69	30975	21.555	ug/l	91
57) 1,3-Dichloropropane	10.788	76	38523	21.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	51299	107.884	ug/l #	83
59) 2-Hexanone	10.831	43	66540	104.505	ug/l	93
60) Dibromochloromethane	10.983	129	32771	22.557	ug/l	98
61) 1,2-Dibromoethane	11.087	107	22902	21.667	ug/l	99
64) Tetrachloroethene	10.721	164	40521	22.436	ug/l	96
65) Chlorobenzene	11.514	112	85915	21.215	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	33530	21.936	ug/l	97
67) Ethyl Benzene	11.593	91	154608	21.362	ug/l	100
68) m/p-Xylenes	11.703	106	123744	43.243	ug/l	98
69) o-Xylene	12.026	106	58264	21.317	ug/l	98
70) Styrene	12.044	104	98575	21.585	ug/l	99
71) Bromoform	12.209	173	21979	22.506	ug/l #	99
73) Isopropylbenzene	12.331	105	158661	20.759	ug/l	98
74) N-amyl acetate	12.142	43	28166	18.799	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	24910	20.692	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	21997m	22.569	ug/l	
77) Bromobenzene	12.611	156	38675	21.029	ug/l	89
78) n-propylbenzene	12.672	91	185776	20.772	ug/l	99
79) 2-Chlorotoluene	12.758	91	105397	20.843	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	139988	21.069	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9682	20.468	ug/l	96
82) 4-Chlorotoluene	12.855	91	109502	20.615	ug/l	97
83) tert-Butylbenzene	13.075	119	120794	20.859	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	138206	21.092	ug/l	99
85) sec-Butylbenzene	13.251	105	172715	20.948	ug/l	97
86) p-Isopropyltoluene	13.367	119	153337	21.286	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	76723	20.975	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	75858	20.795	ug/l	99
89) n-Butylbenzene	13.696	91	126066	20.194	ug/l	98
90) Hexachloroethane	13.959	117	27344	21.027	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	67940	20.816	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5300	21.303	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	41339	19.767	ug/l	100
94) Hexachlorobutadiene	15.111	225	26373	20.946	ug/l	98
95) Naphthalene	15.233	128	81670	19.786	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	36616	20.347	ug/l	98

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

