

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013463.D
 Acq On : 26 Apr 2023 11:12
 Operator : KP/MD
 Sample : VY0426SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0426SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/27/2023
 Supervised By :Mahesh Dadoda 04/27/2023

Quant Time: Apr 27 01:28:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	225218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	346625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	307692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	121540	49.229	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.460%		
35) Dibromofluoromethane	7.716	113	109621	50.282	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.560%		
50) Toluene-d8	10.179	98	384249	49.545	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.080%		
62) 4-Bromofluorobenzene	12.477	95	130825	50.037	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47413	22.144	ug/l	99
3) Chloromethane	2.113	50	52353	18.241	ug/l	98
4) Vinyl Chloride	2.253	62	50746	17.758	ug/l	97
5) Bromomethane	2.644	94	44781	19.665	ug/l	97
6) Chloroethane	2.790	64	34184	17.316	ug/l	95
7) Trichlorofluoromethane	3.125	101	89922	20.772	ug/l	98
8) Diethyl Ether	3.528	74	29246	19.839	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	50460	20.781	ug/l	96
10) Methyl Iodide	4.088	142	53729	17.617	ug/l	97
11) Tert butyl alcohol	4.979	59	27713	100.049	ug/l	99
12) 1,1-Dichloroethene	3.869	96	48079	20.541	ug/l	97
13) Acrolein	3.729	56	27357	122.296	ug/l	94
14) Allyl chloride	4.473	41	81781	18.830	ug/l	97
15) Acrylonitrile	5.168	53	87387	105.847	ug/l	98
16) Acetone	3.954	43	95597	98.323	ug/l #	88
17) Carbon Disulfide	4.192	76	155943	20.510	ug/l	98
18) Methyl Acetate	4.473	43	68275	21.261	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	133141	19.703	ug/l	97
20) Methylene Chloride	4.716	84	70972	18.148	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	51946	20.298	ug/l	97
22) Diisopropyl ether	6.112	45	164025	19.322	ug/l	89
23) Vinyl Acetate	6.058	43	452474m	94.140	ug/l	
24) 1,1-Dichloroethane	6.015	63	94640	20.004	ug/l	97
25) 2-Butanone	6.984	43	128299	104.050	ug/l	96
26) 2,2-Dichloropropane	6.978	77	81685	20.037	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	57901	20.477	ug/l	96
28) Bromochloromethane	7.332	49	35398	21.084	ug/l	86
29) Tetrahydrofuran	7.350	42	80899	105.399	ug/l	94
30) Chloroform	7.503	83	97077	20.637	ug/l	100
31) Cyclohexane	7.783	56	83514	18.893	ug/l	98
32) 1,1,1-Trichloroethane	7.698	97	87976	20.959	ug/l	97
36) 1,1-Dichloropropene	7.917	75	72873	20.141	ug/l	99
37) Ethyl Acetate	7.076	43	56680	20.817	ug/l	96
38) Carbon Tetrachloride	7.899	117	81807	21.572	ug/l	98
39) Methylcyclohexane	9.185	83	85270	19.991	ug/l	96
40) Benzene	8.161	78	214872	21.082	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	22342m	17.609	ug/l	
42) 1,2-Dichloroethane	8.234	62	71148	21.352	ug/l	99
43) Isopropyl Acetate	8.271	43	93855	20.422	ug/l	97
44) Trichloroethene	8.941	130	56790	20.947	ug/l	96
45) 1,2-Dichloropropane	9.216	63	54383	20.407	ug/l	99
46) Dibromomethane	9.301	93	34786	21.816	ug/l	94
47) Bromodichloromethane	9.496	83	74785	20.961	ug/l	98
48) Methyl methacrylate	9.295	41	42168	19.978	ug/l	96
49) 1,4-Dioxane	9.307	88	10107	443.823	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	276322	107.896	ug/l	97
52) Toluene	10.240	92	129796	21.163	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	76998	20.391	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	87025	20.482	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	47022	22.269	ug/l	98
56) Ethyl methacrylate	10.508	69	59638	20.358	ug/l	91
57) 1,3-Dichloropropane	10.788	76	77523	21.678	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	127089	115.692	ug/l	95
59) 2-Hexanone	10.831	43	202284	108.659	ug/l	96
60) Dibromochloromethane	10.984	129	55516	21.653	ug/l	99
61) 1,2-Dibromoethane	11.087	107	44049	21.218	ug/l	100
64) Tetrachloroethene	10.721	164	50543	21.602	ug/l	97
65) Chlorobenzene	11.514	112	139991	20.886	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	52043	20.761	ug/l	97
67) Ethyl Benzene	11.593	91	239004	20.306	ug/l	98
68) m/p-Xylenes	11.703	106	188502	42.129	ug/l	99
69) o-Xylene	12.026	106	87947	20.783	ug/l	99
70) Styrene	12.044	104	148401	20.974	ug/l	99
71) Bromoform	12.209	173	37971	21.625	ug/l #	100
73) Isopropylbenzene	12.331	105	230819	19.619	ug/l	99
74) N-amyl acetate	12.142	43	80890	19.320	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	59102	20.552	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	44190m	21.065	ug/l	
77) Bromobenzene	12.605	156	58652	20.574	ug/l	94
78) n-propylbenzene	12.672	91	291007	20.081	ug/l	98
79) 2-Chlorotoluene	12.752	91	160834	19.874	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	194519	20.256	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	20809	20.291	ug/l	97
82) 4-Chlorotoluene	12.855	91	170337	20.195	ug/l	99
83) tert-Butylbenzene	13.075	119	165770	19.925	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	192327	20.600	ug/l	99
85) sec-Butylbenzene	13.251	105	247008	19.783	ug/l	99
86) p-Isopropyltoluene	13.367	119	201915	20.109	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	110865	20.413	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	111770	20.372	ug/l	97
89) n-Butylbenzene	13.697	91	194028	19.798	ug/l	96
90) Hexachloroethane	13.959	117	42451	20.088	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	103040	21.009	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10329	20.337	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	58564	20.028	ug/l	100
94) Hexachlorobutadiene	15.111	225	35336	20.764	ug/l	99
95) Naphthalene	15.233	128	128174	20.202	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	55090	21.138	ug/l	98

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

