

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012039.D
 Acq On : 03 Jan 2023 12:13
 Operator : KP/MD
 Sample : VY0103SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0103SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/04/2023
 Supervised By :Mahesh Dadoda 01/04/2023

Quant Time: Jan 04 01:15:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	180490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	248487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	133004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90972	50.029	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.060%			
35) Dibromofluoromethane	7.716	113	80444	48.988	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.980%			
50) Toluene-d8	10.179	98	309674	46.481	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.960%			
62) 4-Bromofluorobenzene	12.477	95	111432	49.731	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	35292	25.774	ug/l	99
3) Chloromethane	2.113	50	32595	20.291	ug/l	99
4) Vinyl Chloride	2.253	62	37564	21.204	ug/l	99
5) Bromomethane	2.644	94	28414	22.545	ug/l	96
6) Chloroethane	2.790	64	24570	21.219	ug/l	99
7) Trichlorofluoromethane	3.125	101	70389	22.698	ug/l	100
8) Diethyl Ether	3.528	74	21060	22.010	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	35711	20.919	ug/l	96
10) Methyl Iodide	4.088	142	48016	20.329	ug/l	96
11) Tert butyl alcohol	4.954	59	20258	91.125	ug/l	98
12) 1,1-Dichloroethene	3.875	96	35424	20.744	ug/l	93
13) Acrolein	3.729	56	17146	100.869	ug/l	99
14) Allyl chloride	4.479	41	46295	18.410	ug/l	89
15) Acrylonitrile	5.155	53	48098	108.060	ug/l	99
16) Acetone	3.948	43	42509	81.648	ug/l	99
17) Carbon Disulfide	4.192	76	111200	20.414	ug/l	99
18) Methyl Acetate	4.472	43	24894	19.812	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	100118	22.850	ug/l	94
20) Methylene Chloride	4.710	84	43334	16.698	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	39635	20.427	ug/l	95
22) Diisopropyl ether	6.119	45	95950	19.373	ug/l	95
23) Vinyl Acetate	6.058	43	289918	101.743	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	62951	19.554	ug/l	99
25) 2-Butanone	6.984	43	58325	96.290	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	65210	20.700	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	43588	20.770	ug/l	96
28) Bromochloromethane	7.326	49	16009	18.121	ug/l	83
29) Tetrahydrofuran	7.344	42	35675	103.952	ug/l	88
30) Chloroform	7.502	83	72564	20.912	ug/l	100
31) Cyclohexane	7.783	56	58579	19.136	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	71463	21.652	ug/l	98
36) 1,1-Dichloropropene	7.917	75	53540	20.327	ug/l	98
37) Ethyl Acetate	7.076	43	26282	22.240	ug/l #	94
38) Carbon Tetrachloride	7.899	117	67807	22.290	ug/l	93
39) Methylcyclohexane	9.179	83	66184	20.882	ug/l	94
40) Benzene	8.161	78	154810	20.538	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	10979m	19.212	ug/l	
42) 1,2-Dichloroethane	8.234	62	49469	22.797	ug/l	100
43) Isopropyl Acetate	8.271	43	46117	21.367	ug/l	96
44) Trichloroethene	8.935	130	45187	21.268	ug/l	95
45) 1,2-Dichloropropane	9.216	63	33455	19.209	ug/l	98
46) Dibromomethane	9.307	93	22228	22.157	ug/l	98
47) Bromodichloromethane	9.496	83	54251	21.315	ug/l	95
48) Methyl methacrylate	9.295	41	20894	20.909	ug/l	92
49) 1,4-Dioxane	9.295	88	6222	519.463	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	123025	106.900	ug/l	96
52) Toluene	10.240	92	101874	21.212	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	56699	22.047	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	61550	21.292	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	31347	22.019	ug/l	97
56) Ethyl methacrylate	10.508	69	40476	22.456	ug/l	96
57) 1,3-Dichloropropane	10.788	76	51015	21.473	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	72975	104.920	ug/l	91
59) 2-Hexanone	10.831	43	88014	103.956	ug/l	97
60) Dibromochloromethane	10.983	129	40559	22.616	ug/l	100
61) 1,2-Dibromoethane	11.087	107	30097	22.597	ug/l	98
64) Tetrachloroethene	10.715	164	48155	22.140	ug/l	95
65) Chlorobenzene	11.514	112	108760	21.080	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	42034	21.897	ug/l	97
67) Ethyl Benzene	11.593	91	195317	20.943	ug/l	100
68) m/p-Xylenes	11.703	106	156063	43.028	ug/l	99
69) o-Xylene	12.026	106	73003	21.632	ug/l	100
70) Styrene	12.044	104	124669	22.001	ug/l	99
71) Bromoform	12.209	173	26913	23.660	ug/l #	99
73) Isopropylbenzene	12.331	105	199410	20.204	ug/l	100
74) N-amyl acetate	12.142	43	40665	20.097	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	33112	20.110	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	27256m	16.469	ug/l	
77) Bromobenzene	12.605	156	47591	20.843	ug/l	94
78) n-propylbenzene	12.672	91	236700	19.952	ug/l	99
79) 2-Chlorotoluene	12.758	91	130773	19.610	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	175007	20.711	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	12635	20.907	ug/l	95
82) 4-Chlorotoluene	12.855	91	138391	20.057	ug/l	98
83) tert-Butylbenzene	13.075	119	148496	20.735	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	171480	20.628	ug/l	98
85) sec-Butylbenzene	13.251	105	212991	19.917	ug/l	98
86) p-Isopropyltoluene	13.367	119	186182	20.634	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	94506	20.580	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	93968	20.584	ug/l	99
89) n-Butylbenzene	13.696	91	163405	20.004	ug/l	98
90) Hexachloroethane	13.959	117	34277	19.909	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	83316	20.811	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6664	23.551	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	52467	22.279	ug/l	98
94) Hexachlorobutadiene	15.111	225	31883	20.952	ug/l	99
95) Naphthalene	15.233	128	102513	22.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	45086	22.644	ug/l	99

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

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