

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010324\
 Data File : VY016907.D
 Acq On : 03 Jan 2024 11:53
 Operator : SY/MD
 Sample : VY0103SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0103SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 01/04/2024
 Supervised By :Mahesh Dadoda 01/04/2024

Quant Time: Jan 04 00:31:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	120827	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	204714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	175492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	75976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	57845	48.438	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.880%		
35) Dibromofluoromethane	7.740	113	61766	47.348	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.700%		
50) Toluene-d8	10.197	98	219706	48.909	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.820%		
62) 4-Bromofluorobenzene	12.495	95	71324	47.060	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	23441	24.004	ug/l	92
3) Chloromethane	2.125	50	31659	22.305	ug/l	97
4) Vinyl Chloride	2.265	62	37511	22.405	ug/l	96
5) Bromomethane	2.662	94	27733	23.122	ug/l	96
6) Chloroethane	2.808	64	25847	22.822	ug/l	100
7) Trichlorofluoromethane	3.143	101	48032	23.284	ug/l	100
8) Diethyl Ether	3.546	74	15397	23.355	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.924	101	31351	23.374	ug/l	99
10) Methyl Iodide	4.119	142	26196	22.957	ug/l	99
11) Tert butyl alcohol	4.984	59	13588	142.074	ug/l	97
12) 1,1-Dichloroethene	3.893	96	26615	23.127	ug/l	95
13) Acrolein	3.747	56	18058	135.046	ug/l	99
14) Allyl chloride	4.509	41	42077	23.128	ug/l	98
15) Acrylonitrile	5.186	53	37531	121.710	ug/l	99
16) Acetone	3.972	43	47697	152.655	ug/l	94
17) Carbon Disulfide	4.222	76	58930	21.431	ug/l	100
18) Methyl Acetate	4.503	43	27789	21.720	ug/l	99
19) Methyl tert-butyl Ether	5.253	73	72194	24.112	ug/l	97
20) Methylene Chloride	4.747	84	40907	22.000	ug/l	98
21) trans-1,2-Dichloroethene	5.253	96	29372	22.284	ug/l	97
22) Diisopropyl ether	6.143	45	101609	24.157	ug/l	99
23) Vinyl Acetate	6.088	43	242977	125.986	ug/l	100
24) 1,1-Dichloroethane	6.045	63	59953	23.719	ug/l	99
25) 2-Butanone	7.008	43	58195	138.473	ug/l	97
26) 2,2-Dichloropropane	7.008	77	50258	22.933	ug/l	100
27) cis-1,2-Dichloroethene	7.014	96	35998	23.299	ug/l	97
28) Bromochloromethane	7.362	49	22300	23.501	ug/l	99
29) Tetrahydrofuran	7.374	42	29762	123.134	ug/l	98
30) Chloroform	7.527	83	61513	23.616	ug/l	97
31) Cyclohexane	7.813	56	45856	22.373	ug/l	94
32) 1,1,1-Trichloroethane	7.722	97	51186	23.176	ug/l	99
36) 1,1-Dichloropropene	7.941	75	43380	22.818	ug/l	99
37) Ethyl Acetate	7.100	43	22790	26.379	ug/l	98
38) Carbon Tetrachloride	7.929	117	44011	22.785	ug/l	99
39) Methylcyclohexane	9.203	83	46808	21.901	ug/l	99
40) Benzene	8.185	78	130691	22.916	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	10479	23.030	ug/l #	88
42) 1,2-Dichloroethane	8.258	62	35264	23.292	ug/l	98
43) Isopropyl Acetate	8.295	43	39745	24.023	ug/l	99
44) Trichloroethene	8.959	130	32519	22.409	ug/l	100
45) 1,2-Dichloropropane	9.234	63	34030	23.162	ug/l	98
46) Dibromomethane	9.325	93	17185	22.934	ug/l	98
47) Bromodichloromethane	9.514	83	46836	23.277	ug/l	94
48) Methyl methacrylate	9.313	41	21373	23.937	ug/l	98
49) 1,4-Dioxane	9.319	88	3480	448.536	ug/l	92
51) 4-Methyl-2-Pentanone	10.087	43	108560	123.381	ug/l	99
52) Toluene	10.264	92	78277	22.743	ug/l	97
53) t-1,3-Dichloropropene	10.483	75	41455	23.001	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	50531	23.346	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	26093	23.836	ug/l	97
56) Ethyl methacrylate	10.526	69	21536	23.227	ug/l	98
57) 1,3-Dichloropropane	10.806	76	43082	23.572	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	54853	104.894	ug/l	99
59) 2-Hexanone	10.849	43	81541	125.859	ug/l	100
60) Dibromochloromethane	11.002	129	29516	23.381	ug/l	98
61) 1,2-Dibromoethane	11.105	107	22811	23.984	ug/l	99
64) Tetrachloroethene	10.739	164	25913	22.776	ug/l	97
65) Chlorobenzene	11.532	112	83568	22.859	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.605	131	31766	22.858	ug/l	98
67) Ethyl Benzene	11.611	91	150295	22.835	ug/l	100
68) m/p-Xylenes	11.721	106	112473	46.555	ug/l	100
69) o-Xylene	12.044	106	51876	22.905	ug/l	100
70) Styrene	12.062	104	75851	23.011	ug/l	99
71) Bromoform	12.227	173	16381	23.944	ug/l #	99
73) Isopropylbenzene	12.349	105	145052	23.379	ug/l	99
74) N-amyl acetate	12.160	43	31443	25.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	30479	24.111	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	19829m	24.050	ug/l	
77) Bromobenzene	12.623	156	30967	22.670	ug/l	97
78) n-propylbenzene	12.690	91	174703	23.162	ug/l	100
79) 2-Chlorotoluene	12.776	91	96317	23.028	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	113089	23.047	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.398	75	8340	22.970	ug/l	98
82) 4-Chlorotoluene	12.873	91	98793	23.120	ug/l	100
83) tert-Butylbenzene	13.093	119	100586	23.274	ug/l	99
84) 1,2,4-Trimethylbenzene	13.135	105	113882	23.567	ug/l	98
85) sec-Butylbenzene	13.269	105	148144	23.134	ug/l	99
86) p-Isopropyltoluene	13.385	119	122874	23.249	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	60787	22.690	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	60742	23.182	ug/l	99
89) n-Butylbenzene	13.714	91	116801	22.986	ug/l	99
90) Hexachloroethane	13.977	117	25386	22.353	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	54008	23.328	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3683	23.233	ug/l	97
93) 1,2,4-Trichlorobenzene	15.025	180	27133	23.601	ug/l	97
94) Hexachlorobutadiene	15.129	225	16119	22.381	ug/l	98
95) Naphthalene	15.251	128	48266	24.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	23368	23.938	ug/l	99

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

