

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010324\
 Data File : VY016904.D
 Acq On : 03 Jan 2024 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jan 04 00:29:04 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	7.801	168	141844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	237915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	204711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	89468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	66434	47.387	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.780%		
35) Dibromofluoromethane	7.734	113	71268	47.008	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.020%		
50) Toluene-d8	10.191	98	254444	48.738	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.480%		
62) 4-Bromofluorobenzene	12.495	95	82993	47.118	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44862	41.326	ug/l	97
3) Chloromethane	2.119	50	73271	43.973	ug/l	97
4) Vinyl Chloride	2.259	62	86599	44.061	ug/l	99
5) Bromomethane	2.662	94	61277	43.519	ug/l	99
6) Chloroethane	2.802	64	59238	44.556	ug/l	99
7) Trichlorofluoromethane	3.137	101	105849	43.709	ug/l	99
8) Diethyl Ether	3.539	74	36107	46.654	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.911	101	68511	43.510	ug/l	100
10) Methyl Iodide	4.100	142	63131	47.127	ug/l	100
11) Tert butyl alcohol	4.966	59	25724	252.570	ug/l	99
12) 1,1-Dichloroethene	3.887	96	59916	44.349	ug/l	96
13) Acrolein	3.735	56	38192	249.808	ug/l	99
14) Allyl chloride	4.490	41	97985	45.877	ug/l	99
15) Acrylonitrile	5.179	53	85970	237.485	ug/l	99
16) Acetone	3.954	43	95138	278.054	ug/l	96
17) Carbon Disulfide	4.210	76	149158	46.206	ug/l	99
18) Methyl Acetate	4.484	43	78994	52.593	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	167702	47.712	ug/l	96
20) Methylene Chloride	4.734	84	77521	41.254	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	70409	45.504	ug/l	97
22) Diisopropyl ether	6.130	45	237690	48.137	ug/l	94
23) Vinyl Acetate	6.076	43	531402	234.711	ug/l	100
24) 1,1-Dichloroethane	6.027	63	133092	44.854	ug/l	99
25) 2-Butanone	6.996	43	124917	261.553	ug/l	99
26) 2,2-Dichloropropane	6.996	77	115341	44.832	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	84330	46.493	ug/l	99
28) Bromochloromethane	7.350	49	50302	45.156	ug/l	98
29) Tetrahydrofuran	7.362	42	68951	243.003	ug/l	98
30) Chloroform	7.520	83	138180	45.189	ug/l	98
31) Cyclohexane	7.801	56	105991	44.050	ug/l	98
32) 1,1,1-Trichloroethane	7.715	97	117739	45.411	ug/l	100
36) 1,1-Dichloropropene	7.935	75	101041	45.731	ug/l	99
37) Ethyl Acetate	7.088	43	46639	46.450	ug/l	99
38) Carbon Tetrachloride	7.917	117	99857	44.484	ug/l	99
39) Methylcyclohexane	9.197	83	116271	46.811	ug/l	98
40) Benzene	8.173	78	303975	45.863	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	28535m	53.961	ug/l	
42) 1,2-Dichloroethane	8.252	62	80735	45.884	ug/l	100
43) Isopropyl Acetate	8.282	43	90522	47.079	ug/l	100
44) Trichloroethene	8.953	130	75988	45.056	ug/l	95
45) 1,2-Dichloropropane	9.227	63	79102	46.326	ug/l	98
46) Dibromomethane	9.319	93	39702	45.590	ug/l	98
47) Bromodichloromethane	9.508	83	107167	45.828	ug/l	99
48) Methyl methacrylate	9.307	41	49638	47.836	ug/l	97
49) 1,4-Dioxane	9.313	88	8416	933.360	ug/l	98
51) 4-Methyl-2-Pentanone	10.081	43	249466	243.959	ug/l	100
52) Toluene	10.258	92	185460	46.365	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	98882	47.207	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	118676	47.178	ug/l	99
55) 1,1,2-Trichloroethane	10.660	97	58337	45.854	ug/l	99
56) Ethyl methacrylate	10.520	69	52966	49.152	ug/l	98
57) 1,3-Dichloropropane	10.800	76	97832	46.058	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.794	63	169983	250.635	ug/l	99
59) 2-Hexanone	10.843	43	182210	241.994	ug/l	100
60) Dibromochloromethane	10.995	129	68406	46.625	ug/l	99
61) 1,2-Dibromoethane	11.099	107	52103	47.137	ug/l	99
64) Tetrachloroethene	10.733	164	59603	44.910	ug/l	97
65) Chlorobenzene	11.532	112	193973	45.485	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	74748	46.109	ug/l	99
67) Ethyl Benzene	11.605	91	356878	46.483	ug/l	98
68) m/p-Xylenes	11.715	106	268307	95.207	ug/l	99
69) o-Xylene	12.044	106	123244	46.649	ug/l	98
70) Styrene	12.056	104	185881	48.342	ug/l	100
71) Bromoform	12.221	173	36922	46.265	ug/l #	97
73) Isopropylbenzene	12.343	105	342347	46.858	ug/l	100
74) N-amyl acetate	12.154	43	70616	48.107	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.593	83	68757	46.188	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	50216m	51.722	ug/l	
77) Bromobenzene	12.623	156	73262	45.545	ug/l	100
78) n-propylbenzene	12.684	91	417675	47.025	ug/l	99
79) 2-Chlorotoluene	12.769	91	227081	46.105	ug/l	100
80) 1,3,5-Trimethylbenzene	12.824	105	272457	47.153	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.391	75	20281	47.434	ug/l	98
82) 4-Chlorotoluene	12.867	91	232812	46.268	ug/l	100
83) tert-Butylbenzene	13.086	119	234559	46.088	ug/l	97
84) 1,2,4-Trimethylbenzene	13.135	105	269739	47.403	ug/l	99
85) sec-Butylbenzene	13.269	105	355089	47.088	ug/l	100
86) p-Isopropyltoluene	13.385	119	293418	47.146	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	143959	45.633	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	141850	45.972	ug/l	100
89) n-Butylbenzene	13.708	91	288395	48.196	ug/l	100
90) Hexachloroethane	13.977	117	59702	44.642	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	125439	46.011	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	8350	44.731	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	66016	48.763	ug/l	99
94) Hexachlorobutadiene	15.129	225	38536	45.438	ug/l	99
95) Naphthalene	15.251	128	120548	48.969	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	55608	48.375	ug/l	99

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

