

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012512.D
 Acq On : 07 Feb 2023 11:23
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

Quant Time: Feb 07 21:48:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 21:44:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	147861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	198967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91236	48.524	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.040%		
35) Dibromofluoromethane	7.716	113	80920	51.801	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.600%		
50) Toluene-d8	10.179	98	337033	51.835	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.660%		
62) 4-Bromofluorobenzene	12.483	95	110714	48.817	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	50370	48.078	ug/l	100
3) Chloromethane	2.113	50	51380	44.599	ug/l	100
4) Vinyl Chloride	2.253	62	65871	45.894	ug/l	100
5) Bromomethane	2.656	94	51364	48.963	ug/l	100
6) Chloroethane	2.796	64	45888	45.932	ug/l	100
7) Trichlorofluoromethane	3.131	101	138168	46.834	ug/l	100
8) Diethyl Ether	3.527	74	40603	46.415	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	71862	48.238	ug/l	100
10) Methyl Iodide	4.094	142	99265	51.398	ug/l	100
11) Tert butyl alcohol	4.954	59	37871	207.053	ug/l	100
12) 1,1-Dichloroethene	3.875	96	69221	47.026	ug/l	100
13) Acrolein	3.729	56	49000	221.680	ug/l	100
14) Allyl chloride	4.478	41	85970	47.901	ug/l	100
15) Acrylonitrile	5.161	53	92743	229.798	ug/l	100
16) Acetone	3.948	43	109987	243.042	ug/l	100
17) Carbon Disulfide	4.198	76	172285	45.124	ug/l	100
18) Methyl Acetate	4.478	43	46457	42.710	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	205834	47.787	ug/l	100
20) Methylene Chloride	4.716	84	84159	49.760	ug/l	100
21) trans-1,2-Dichloroethene	5.222	96	76254	47.500	ug/l	100
22) Diisopropyl ether	6.124	45	180069	49.343	ug/l	100
23) Vinyl Acetate	6.057	43	538492	244.769	ug/l	100
24) 1,1-Dichloroethane	6.021	63	125038	47.929	ug/l	100
25) 2-Butanone	6.984	43	114855	228.749	ug/l	100
26) 2,2-Dichloropropane	6.984	77	137280	47.894	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	90285	48.463	ug/l	100
28) Bromochloromethane	7.332	49	48561	51.208	ug/l	100
29) Tetrahydrofuran	7.350	42	61947	228.212	ug/l	100
30) Chloroform	7.508	83	151042	48.021	ug/l	100
31) Cyclohexane	7.783	56	99974	45.988	ug/l	100
32) 1,1,1-Trichloroethane	7.703	97	148930	48.794	ug/l	100
36) 1,1-Dichloropropene	7.917	75	103784	49.089	ug/l	100
37) Ethyl Acetate	7.069	43	44109	46.236	ug/l	100
38) Carbon Tetrachloride	7.899	117	138930	48.953	ug/l	100
39) Methylcyclohexane	9.185	83	126146	49.585	ug/l	100
40) Benzene	8.161	78	305988	49.001	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	27976m	53.537	ug/l	
42) 1,2-Dichloroethane	8.240	62	98074	48.456	ug/l	100
43) Isopropyl Acetate	8.270	43	84232	47.621	ug/l	100
44) Trichloroethene	8.941	130	92739	48.787	ug/l	100
45) 1,2-Dichloropropane	9.215	63	67487	49.841	ug/l	100
46) Dibromomethane	9.307	93	42984	47.943	ug/l	100
47) Bromodichloromethane	9.496	83	115381	49.634	ug/l	100
48) Methyl methacrylate	9.295	41	38292	47.362	ug/l	100
49) 1,4-Dioxane	9.295	88	11587	936.203	ug/l	100
51) 4-Methyl-2-Pentanone	10.069	43	226819	237.677	ug/l	100
52) Toluene	10.246	92	209882	49.563	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	116827	49.873	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	126096	49.743	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	63728	48.646	ug/l	100
56) Ethyl methacrylate	10.508	69	80962	49.190	ug/l	100
57) 1,3-Dichloropropane	10.788	76	102983	48.708	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	181443	245.262	ug/l	100
59) 2-Hexanone	10.831	43	174134	241.454	ug/l	100
60) Dibromochloromethane	10.983	129	86691	49.643	ug/l	100
61) 1,2-Dibromoethane	11.087	107	59373	48.370	ug/l	100
64) Tetrachloroethene	10.721	164	105613	50.844	ug/l	100
65) Chlorobenzene	11.514	112	229163	48.560	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	90052	48.695	ug/l	100
67) Ethyl Benzene	11.593	91	410128	49.503	ug/l	100
68) m/p-Xylenes	11.703	106	328318	99.280	ug/l	100
69) o-Xylene	12.032	106	158589	50.356	ug/l	100
70) Styrene	12.044	104	266066	49.814	ug/l	100
71) Bromoform	12.209	173	56358	48.214	ug/l	100
73) Isopropylbenzene	12.331	105	429350	50.818	ug/l	100
74) N-amyl acetate	12.142	43	74377	48.631	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	63699	46.627	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	54063m	46.224	ug/l	
77) Bromobenzene	12.605	156	100208	48.934	ug/l	100
78) n-propylbenzene	12.672	91	492533	50.648	ug/l	100
79) 2-Chlorotoluene	12.757	91	275484	49.902	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	368488	50.664	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	24809	47.952	ug/l	100
82) 4-Chlorotoluene	12.855	91	290155	50.105	ug/l	100
83) tert-Butylbenzene	13.074	119	321465	50.402	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	366942	51.274	ug/l	100
85) sec-Butylbenzene	13.251	105	464471	50.905	ug/l	100
86) p-Isopropyltoluene	13.367	119	405302	51.203	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	201764	49.519	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	200967	49.240	ug/l	100
89) n-Butylbenzene	13.696	91	349248	51.625	ug/l	100
90) Hexachloroethane	13.958	117	72541	49.928	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	179203	48.891	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12368	45.493	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	112876	49.700	ug/l	100
94) Hexachlorobutadiene	15.111	225	69705	49.405	ug/l	100
95) Naphthalene	15.239	128	215650	49.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	96391	49.032	ug/l	100

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

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