

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020323\
 Data File : VY012467.D
 Acq On : 03 Feb 2023 10:17
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 04 00:04:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	167951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	252179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	228417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	66780	47.797	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.600%		
35) Dibromofluoromethane	7.722	113	64979	48.663	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.320%		
50) Toluene-d8	10.185	98	223299	48.100	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.200%		
62) 4-Bromofluorobenzene	12.483	95	89339	47.461	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	60189	41.008	ug/l	96
3) Chloromethane	2.119	50	62253	45.945	ug/l	100
4) Vinyl Chloride	2.259	62	78065	49.361	ug/l	99
5) Bromomethane	2.656	94	58643	47.961	ug/l	96
6) Chloroethane	2.802	64	51921	50.339	ug/l	99
7) Trichlorofluoromethane	3.131	101	153167	49.623	ug/l	100
8) Diethyl Ether	3.534	74	46322	50.434	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.905	101	79967	53.231	ug/l	95
10) Methyl Iodide	4.094	142	111337	48.768	ug/l	97
11) Tert butyl alcohol	4.954	59	42130	255.278	ug/l	99
12) 1,1-Dichloroethene	3.881	96	78586	50.946	ug/l	92
13) Acrolein	3.735	56	14116	225.467	ug/l	96
14) Allyl chloride	4.485	41	101735	53.340	ug/l #	87
15) Acrylonitrile	5.167	53	103917	259.025	ug/l	100
16) Acetone	3.948	43	122682	262.327	ug/l	95
17) Carbon Disulfide	4.198	76	210239	44.064	ug/l	100
18) Methyl Acetate	4.479	43	54069	51.667	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	223196	51.906	ug/l	94
20) Methylene Chloride	4.722	84	92780	46.879	ug/l	88
21) trans-1,2-Dichloroethene	5.228	96	88095	51.179	ug/l	89
22) Diisopropyl ether	6.118	45	211347	55.582	ug/l #	90
23) Vinyl Acetate	6.064	43	631960	266.715	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	143363	54.357	ug/l	97
25) 2-Butanone	6.984	43	133752	259.059	ug/l	90
26) 2,2-Dichloropropane	6.984	77	152827	53.378	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	101279	53.565	ug/l	95
28) Bromochloromethane	7.338	49	26745	46.432	ug/l #	75
29) Tetrahydrofuran	7.344	42	72295	254.920	ug/l #	85
30) Chloroform	7.508	83	164437	52.817	ug/l	98
31) Cyclohexane	7.789	56	119100	48.637	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	162494	52.720	ug/l	98
36) 1,1-Dichloropropene	7.917	75	117698	51.864	ug/l	98
37) Ethyl Acetate	7.076	43	49854	49.833	ug/l #	93
38) Carbon Tetrachloride	7.899	117	151984	51.856	ug/l	97
39) Methylcyclohexane	9.185	83	145076	52.312	ug/l	94
40) Benzene	8.161	78	349730	53.395	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	30733m	52.263	ug/l	
42) 1,2-Dichloroethane	8.240	62	107531	51.568	ug/l	98
43) Isopropyl Acetate	8.271	43	97930	52.615	ug/l #	94
44) Trichloroethene	8.941	130	103593	52.915	ug/l	96
45) 1,2-Dichloropropane	9.215	63	74670	54.634	ug/l	98
46) Dibromomethane	9.307	93	48153	52.629	ug/l	95
47) Bromodichloromethane	9.496	83	125596	54.532	ug/l	96
48) Methyl methacrylate	9.295	41	44470	51.854	ug/l	89
49) 1,4-Dioxane	9.301	88	12641	1013.925	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	259099	261.062	ug/l	94
52) Toluene	10.246	92	234952	53.875	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	127818	53.056	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	140401	54.116	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	69910	53.779	ug/l	98
56) Ethyl methacrylate	10.514	69	92501	54.239	ug/l	94
57) 1,3-Dichloropropane	10.788	76	115053	54.194	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	135686	240.448	ug/l	89
59) 2-Hexanone	10.831	43	197552	261.441	ug/l	94
60) Dibromochloromethane	10.990	129	92913	53.889	ug/l	99
61) 1,2-Dibromoethane	11.093	107	65778	52.439	ug/l	99
64) Tetrachloroethene	10.721	164	114032	54.711	ug/l	96
65) Chlorobenzene	11.520	112	252777	54.087	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	99401	56.348	ug/l	97
67) Ethyl Benzene	11.593	91	456211	54.620	ug/l	99
68) m/p-Xylenes	11.703	106	360669	109.212	ug/l	99
69) o-Xylene	12.032	106	171842	54.478	ug/l	98
70) Styrene	12.044	104	293349	55.660	ug/l	100
71) Bromoform	12.209	173	59836	53.091	ug/l #	98
73) Isopropylbenzene	12.331	105	471765	55.456	ug/l	99
74) N-amyl acetate	12.148	43	84571	50.714	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	71543	53.392	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	56116m	51.729	ug/l	
77) Bromobenzene	12.611	156	109633	53.557	ug/l	91
78) n-propylbenzene	12.672	91	545747	54.823	ug/l	99
79) 2-Chlorotoluene	12.758	91	303886	53.992	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	402412	54.415	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	26781	50.866	ug/l	94
82) 4-Chlorotoluene	12.855	91	316208	53.484	ug/l	98
83) tert-Butylbenzene	13.081	119	356160	55.258	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	397876	54.555	ug/l	99
85) sec-Butylbenzene	13.257	105	507240	55.274	ug/l	98
86) p-Isopropyltoluene	13.373	119	440411	54.929	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	217160	53.339	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	214012	52.709	ug/l	99
89) n-Butylbenzene	13.702	91	381356	54.885	ug/l	98
90) Hexachloroethane	13.965	117	79141	54.677	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	193818	53.353	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13872	50.095	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	122094	52.453	ug/l	99
94) Hexachlorobutadiene	15.117	225	73933	52.755	ug/l	99
95) Naphthalene	15.239	128	235365	51.230	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	105875	52.858	ug/l	99

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

