

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011323\
 Data File : VY012182.D
 Acq On : 13 Jan 2023 09:45
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023

Quant Time: Jan 16 08:16:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	176441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	264051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	238856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	89116	44.949	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.900%		
35) Dibromofluoromethane	7.716	113	84636	48.766	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.540%		
50) Toluene-d8	10.179	98	313602	45.779	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.560%		
62) 4-Bromofluorobenzene	12.483	95	117261	48.971	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	67424	47.921	ug/l	98
3) Chloromethane	2.113	50	65492	51.152	ug/l	98
4) Vinyl Chloride	2.253	62	78534	45.797	ug/l	99
5) Bromomethane	2.649	94	55667	49.561	ug/l	97
6) Chloroethane	2.796	64	53068	46.710	ug/l	97
7) Trichlorofluoromethane	3.125	101	159754	46.763	ug/l	98
8) Diethyl Ether	3.527	74	52203	49.910	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	87695	49.856	ug/l	96
10) Methyl Iodide	4.094	142	114566	48.046	ug/l	98
11) Tert butyl alcohol	4.942	59	52180	221.667	ug/l	99
12) 1,1-Dichloroethene	3.875	96	82468	47.823	ug/l	98
13) Acrolein	3.728	56	27007	266.969	ug/l	99
14) Allyl chloride	4.478	41	118225	50.858	ug/l	94
15) Acrylonitrile	5.161	53	129087	262.681	ug/l	99
16) Acetone	3.942	43	114583	245.684	ug/l	98
17) Carbon Disulfide	4.192	76	198830	47.593	ug/l	99
18) Methyl Acetate	4.472	43	67619	50.402	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	259084	51.045	ug/l	96
20) Methylene Chloride	4.710	84	106448	54.523	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	92652	48.556	ug/l	93
22) Diisopropyl ether	6.118	45	258837	54.127	ug/l #	95
23) Vinyl Acetate	6.057	43	763611	263.879	ug/l	96
24) 1,1-Dichloroethane	6.015	63	163811	51.498	ug/l	98
25) 2-Butanone	6.978	43	151764	246.640	ug/l	94
26) 2,2-Dichloropropane	6.978	77	170860	49.791	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	110595	50.745	ug/l	96
28) Bromochloromethane	7.331	49	40541	50.413	ug/l	85
29) Tetrahydrofuran	7.344	42	92993	258.908	ug/l	90
30) Chloroform	7.502	83	189418	52.240	ug/l	98
31) Cyclohexane	7.783	56	128253	51.311	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	177911	50.517	ug/l	98
36) 1,1-Dichloropropene	7.917	75	128695	48.876	ug/l	98
37) Ethyl Acetate	7.069	43	66515	47.178	ug/l	96
38) Carbon Tetrachloride	7.898	117	164624	49.258	ug/l	96
39) Methylcyclohexane	9.185	83	150419	47.821	ug/l	96
40) Benzene	8.161	78	383503	49.981	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	42732m	55.728	ug/l	
42) 1,2-Dichloroethane	8.234	62	121160	49.876	ug/l	100
43) Isopropyl Acetate	8.270	43	120759	51.110	ug/l	96
44) Trichloroethene	8.941	130	111595	49.810	ug/l	97
45) 1,2-Dichloropropane	9.215	63	90168	52.743	ug/l	99
46) Dibromomethane	9.301	93	55183	51.274	ug/l	97
47) Bromodichloromethane	9.496	83	143438	52.416	ug/l	98
48) Methyl methacrylate	9.288	41	54530	51.523	ug/l	91
49) 1,4-Dioxane	9.301	88	15593	1046.281	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	328670	261.426	ug/l	96
52) Toluene	10.246	92	255734	50.354	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	146428	51.436	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	159117	51.665	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	81740	52.586	ug/l	97
56) Ethyl methacrylate	10.508	69	107293	52.692	ug/l	96
57) 1,3-Dichloropropane	10.788	76	133941	52.213	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	192305	258.196	ug/l	94
59) 2-Hexanone	10.831	43	232956	263.885	ug/l	96
60) Dibromochloromethane	10.983	129	106710	52.066	ug/l	99
61) 1,2-Dibromoethane	11.087	107	76015	51.095	ug/l	98
64) Tetrachloroethene	10.721	164	123788	52.904	ug/l	97
65) Chlorobenzene	11.514	112	277510	50.871	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	110455	52.445	ug/l	98
67) Ethyl Benzene	11.593	91	496734	50.945	ug/l	99
68) m/p-Xylenes	11.703	106	389251	101.784	ug/l	99
69) o-Xylene	12.032	106	188579	51.789	ug/l	97
70) Styrene	12.044	104	320945	51.888	ug/l	99
71) Bromoform	12.209	173	70075	52.366	ug/l #	99
73) Isopropylbenzene	12.331	105	508465	51.266	ug/l	99
74) N-amyl acetate	12.142	43	107319	52.413	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	85970	51.528	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	74713m	52.204	ug/l	
77) Bromobenzene	12.611	156	119836	50.659	ug/l	95
78) n-propylbenzene	12.672	91	594419	51.339	ug/l	99
79) 2-Chlorotoluene	12.757	91	338559	51.118	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	437540	51.434	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	32947	51.126	ug/l	98
82) 4-Chlorotoluene	12.855	91	346115	49.965	ug/l	98
83) tert-Butylbenzene	13.074	119	380884	51.102	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	429781	51.039	ug/l	100
85) sec-Butylbenzene	13.251	105	558388	52.122	ug/l	99
86) p-Isopropyltoluene	13.373	119	477007	51.394	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	238070	50.207	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	238053	50.256	ug/l	99
89) n-Butylbenzene	13.696	91	422133	52.484	ug/l	98
90) Hexachloroethane	13.964	117	88592	51.451	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	215385	50.986	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17025	51.343	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	136102	51.677	ug/l	99
94) Hexachlorobutadiene	15.111	225	83824	52.750	ug/l	98
95) Naphthalene	15.239	128	268423	51.499	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	114970	50.209	ug/l	99

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

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