

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011379.D
 Acq On : 10 Nov 2022 10:22
 Operator : KP/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 10 10:36:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 10:35:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	287619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	456625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	406995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	200432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	26428	8.591	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	17.180%#		
35) Dibromofluoromethane	7.716	113	27190	9.268	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.540%#		
50) Toluene-d8	10.179	98	108902	9.561	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	19.120%#		
62) 4-Bromofluorobenzene	12.483	95	36607	9.257	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	18.520%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24487	9.329	ug/l	94
3) Chloromethane	2.113	50	25357	7.951	ug/l	96
4) Vinyl Chloride	2.253	62	29764	8.355	ug/l	99
5) Bromomethane	2.656	94	21538	9.062	ug/l	99
6) Chloroethane	2.796	64	19452	8.497	ug/l	97
7) Trichlorofluoromethane	3.131	101	45233	8.594	ug/l	93
8) Diethyl Ether	3.534	74	14772	7.822	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.906	101	26291	8.308	ug/l	94
10) Methyl Iodide	4.095	142	34673	8.512	ug/l	91
11) Tert butyl alcohol	4.936	59	17536	37.810	ug/l #	94
12) 1,1-Dichloroethene	3.875	96	26411	8.442	ug/l #	77
13) Acrolein	3.729	56	5674	29.748	ug/l	98
14) Allyl chloride	4.485	41	34854	7.355	ug/l #	83
15) Acrylonitrile	5.161	53	33334	35.175	ug/l	95
16) Acetone	3.948	43	28086	30.247	ug/l #	76
17) Carbon Disulfide	4.192	76	80664	7.850	ug/l	98
18) Methyl Acetate	4.479	43	17508	7.122	ug/l #	83
19) Methyl tert-butyl Ether	5.222	73	63449	7.632	ug/l	98
20) Methylene Chloride	4.716	84	61817	13.315	ug/l #	79
21) trans-1,2-Dichloroethene	5.222	96	29631	8.327	ug/l	87
22) Diisopropyl ether	6.119	45	73742	7.505	ug/l #	91
23) Vinyl Acetate	6.064	43	201553	33.608	ug/l #	88
24) 1,1-Dichloroethane	6.021	63	49206	7.997	ug/l	97
25) 2-Butanone	6.984	43	41699	31.916	ug/l #	74
26) 2,2-Dichloropropane	6.978	77	47246	8.397	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	33329	8.500	ug/l	88
28) Bromochloromethane	7.332	49	17238	7.293	ug/l #	75
29) Tetrahydrofuran	7.350	42	24014	31.572	ug/l #	76
30) Chloroform	7.509	83	52745	8.487	ug/l	96
31) Cyclohexane	7.783	56	43444	7.620	ug/l #	74
32) 1,1,1-Trichloroethane	7.704	97	46232	8.387	ug/l	94
36) 1,1-Dichloropropene	7.917	75	39715	8.289	ug/l	95
37) Ethyl Acetate	7.076	43	17398	6.736	ug/l #	87
38) Carbon Tetrachloride	7.905	117	43040	8.659	ug/l	99
39) Methylcyclohexane	9.185	83	46878	8.043	ug/l	90
40) Benzene	8.161	78	120093	8.529	ug/l	96

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41) Methacrylonitrile	7.314	41	8107m	5.777	ug/l	
42) 1,2-Dichloroethane	8.234	62	30871	8.074	ug/l	89
43) Isopropyl Acetate	8.271	43	30982	6.809	ug/l #	83
44) Trichloroethene	8.941	130	33646	8.929	ug/l	96
45) 1,2-Dichloropropane	9.216	63	28547	8.200	ug/l	97
46) Dibromomethane	9.307	93	15877	8.072	ug/l	95
47) Bromodichloromethane	9.496	83	39002	8.365	ug/l	99
48) Methyl methacrylate	9.295	41	13756	6.582	ug/l #	74
49) 1,4-Dioxane	9.295	88	3688	139.377	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	80210	32.419	ug/l #	83
52) Toluene	10.246	92	75836	8.686	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	38736	7.889	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	45964	8.181	ug/l #	78
55) 1,1,2-Trichloroethane	10.642	97	23376	8.292	ug/l	98
56) Ethyl methacrylate	10.508	69	26782	7.193	ug/l #	71
57) 1,3-Dichloropropane	10.789	76	38511	7.981	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	62736	35.939	ug/l	90
59) 2-Hexanone	10.831	43	54583	30.901	ug/l	80
60) Dibromochloromethane	10.984	129	28707	8.571	ug/l	99
61) 1,2-Dibromoethane	11.087	107	22354	8.353	ug/l	98
64) Tetrachloroethene	10.721	164	32393	9.370	ug/l	99
65) Chlorobenzene	11.514	112	82600	9.199	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	30521	9.231	ug/l	98
67) Ethyl Benzene	11.593	91	140482	8.820	ug/l	97
68) m/p-Xylenes	11.703	106	110680	17.901	ug/l	93
69) o-Xylene	12.032	106	51085	8.814	ug/l	94
70) Styrene	12.044	104	85509	8.703	ug/l	95
71) Bromoform	12.209	173	17972	8.746	ug/l #	98
73) Isopropylbenzene	12.331	105	134428	8.970	ug/l	99
74) N-amyl acetate	12.142	43	24925	6.626	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.581	83	25700	8.288	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	20474m	8.391	ug/l	
77) Bromobenzene	12.611	156	32922	9.340	ug/l	92
78) n-propylbenzene	12.672	91	162054	8.837	ug/l	97
79) 2-Chlorotoluene	12.758	91	93849	8.932	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	115820	9.133	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	9120	7.999	ug/l #	78
82) 4-Chlorotoluene	12.855	91	99415	9.182	ug/l	98
83) tert-Butylbenzene	13.075	119	97516	8.925	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	112788	8.993	ug/l	98
85) sec-Butylbenzene	13.251	105	145655	8.991	ug/l	99
86) p-Isopropyltoluene	13.367	119	120906	8.954	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	65956	9.331	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	65859	9.290	ug/l	99
89) n-Butylbenzene	13.697	91	108182	8.580	ug/l	99
90) Hexachloroethane	13.959	117	24180	8.954	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	59284	9.390	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3924	7.387	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	31578	8.275	ug/l	99
94) Hexachlorobutadiene	15.111	225	19593	8.818	ug/l	98
95) Naphthalene	15.233	128	55257	7.015	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	27305	8.142	ug/l	99

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

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