

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011380.D
 Acq On : 10 Nov 2022 10:44
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 10:58:43 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	296129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	464641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	415095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	206146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52162	16.470	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	32.940%#		
35) Dibromofluoromethane	7.716	113	54679	18.316	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	36.640%#		
50) Toluene-d8	10.179	98	216507	18.679	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	37.360%#		
62) 4-Bromofluorobenzene	12.477	95	72142	17.929	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	35.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	50700	18.760	ug/l	99
3) Chloromethane	2.113	50	51747	15.759	ug/l	96
4) Vinyl Chloride	2.253	62	59253	16.154	ug/l	97
5) Bromomethane	2.637	94	41750	17.061	ug/l	100
6) Chloroethane	2.790	64	38721	16.428	ug/l	100
7) Trichlorofluoromethane	3.125	101	93493	17.253	ug/l	94
8) Diethyl Ether	3.528	74	30431	15.650	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.899	101	55004	16.883	ug/l	95
10) Methyl Iodide	4.095	142	73588	17.547	ug/l	90
11) Tert butyl alcohol	4.948	59	37409	78.340	ug/l	96
12) 1,1-Dichloroethene	3.869	96	54115	16.800	ug/l #	77
13) Acrolein	3.729	56	12603	64.178	ug/l	95
14) Allyl chloride	4.479	41	71715	14.698	ug/l #	82
15) Acrylonitrile	5.161	53	73671	75.506	ug/l	97
16) Acetone	3.942	43	61656	64.492	ug/l #	83
17) Carbon Disulfide	4.192	76	163254	15.431	ug/l	98
18) Methyl Acetate	4.479	43	38348	15.151	ug/l #	85
19) Methyl tert-butyl Ether	5.222	73	137245	16.034	ug/l	93
20) Methylene Chloride	4.710	84	73805	15.440	ug/l #	76
21) trans-1,2-Dichloroethene	5.222	96	61071	16.669	ug/l	88
22) Diisopropyl ether	6.119	45	154420	15.265	ug/l #	90
23) Vinyl Acetate	6.058	43	446818	72.365	ug/l #	87
24) 1,1-Dichloroethane	6.015	63	100126	15.805	ug/l	97
25) 2-Butanone	6.984	43	90353	67.168	ug/l #	81
26) 2,2-Dichloropropane	6.984	77	92229	15.921	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	68688	17.015	ug/l	84
28) Bromochloromethane	7.332	49	34756	14.282	ug/l #	70
29) Tetrahydrofuran	7.350	42	55847	71.315	ug/l #	76
30) Chloroform	7.502	83	105612	16.506	ug/l	98
31) Cyclohexane	7.783	56	89731	15.286	ug/l #	81
32) 1,1,1-Trichloroethane	7.698	97	97178	17.123	ug/l	94
36) 1,1-Dichloropropene	7.917	75	81898	16.799	ug/l	97
37) Ethyl Acetate	7.076	43	39298	14.953	ug/l #	90
38) Carbon Tetrachloride	7.899	117	89032	17.603	ug/l	99
39) Methylcyclohexane	9.185	83	101134	17.052	ug/l	89
40) Benzene	8.161	78	244302	17.051	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	19490	13.649	ug/l #	32
42) 1,2-Dichloroethane	8.234	62	63337	16.279	ug/l	89
43) Isopropyl Acetate	8.271	43	68364	14.765	ug/l #	84
44) Trichloroethene	8.941	130	68036	17.743	ug/l	99
45) 1,2-Dichloropropane	9.216	63	57931	16.354	ug/l	94
46) Dibromomethane	9.307	93	33340	16.658	ug/l	96
47) Bromodichloromethane	9.496	83	79669	16.792	ug/l	98
48) Methyl methacrylate	9.289	41	31603	14.860	ug/l #	73
49) 1,4-Dioxane	9.301	88	8931	331.698	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	185706	73.763	ug/l #	84
52) Toluene	10.240	92	156002	17.559	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	82559	16.523	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	94986	16.614	ug/l #	78
55) 1,1,2-Trichloroethane	10.642	97	48693	16.975	ug/l	96
56) Ethyl methacrylate	10.508	69	60959	16.089	ug/l #	70
57) 1,3-Dichloropropane	10.788	76	80664	16.429	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	144627	81.421	ug/l	92
59) 2-Hexanone	10.831	43	129752	72.189	ug/l	80
60) Dibromochloromethane	10.984	129	59125	17.348	ug/l	98
61) 1,2-Dibromoethane	11.087	107	46178	16.957	ug/l	99
64) Tetrachloroethene	10.721	164	67780	19.223	ug/l	99
65) Chlorobenzene	11.514	112	169170	18.473	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	62542	18.548	ug/l	98
67) Ethyl Benzene	11.593	91	294784	18.146	ug/l	97
68) m/p-Xylenes	11.703	106	236132	37.446	ug/l	92
69) o-Xylene	12.026	106	110489	18.692	ug/l	91
70) Styrene	12.044	104	184132	18.375	ug/l	95
71) Bromoform	12.209	173	38827	18.526	ug/l #	98
73) Isopropylbenzene	12.331	105	290801	18.867	ug/l	100
74) N-amyl acetate	12.142	43	59064	15.266	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.581	83	54715	17.155	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	42124m	16.785	ug/l	
77) Bromobenzene	12.605	156	67635	18.656	ug/l	94
78) n-propylbenzene	12.672	91	348951	18.502	ug/l	97
79) 2-Chlorotoluene	12.758	91	198515	18.371	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	250954	19.241	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	19514	16.641	ug/l #	80
82) 4-Chlorotoluene	12.855	91	206520	18.545	ug/l	98
83) tert-Butylbenzene	13.075	119	213352	18.985	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	244925	18.988	ug/l	98
85) sec-Butylbenzene	13.251	105	317259	19.041	ug/l	99
86) p-Isopropyltoluene	13.367	119	266599	19.196	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	138417	19.040	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	136912	18.778	ug/l	99
89) n-Butylbenzene	13.696	91	237985	18.351	ug/l	98
90) Hexachloroethane	13.959	117	51971	18.712	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	121397	18.695	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8961	16.401	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	70734	18.023	ug/l	99
94) Hexachlorobutadiene	15.111	225	43439	19.009	ug/l	99
95) Naphthalene	15.233	128	131693	16.255	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	61017	17.691	ug/l	99

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

