

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011432.D
 Acq On : 11 Nov 2022 20:19
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/14/2022
 Supervised By :Mahesh Dadoda 11/14/2022

Quant Time: Nov 14 05:55:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	287602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	451995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	418611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	213577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116620	48.390	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.780%		
35) Dibromofluoromethane	7.716	113	124761	49.253	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.500%		
50) Toluene-d8	10.179	98	440153	45.484	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.960%		
62) 4-Bromofluorobenzene	12.477	95	171179	50.715	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	78598	45.389	ug/l	99
3) Chloromethane	2.113	50	98572	42.644	ug/l	94
4) Vinyl Chloride	2.247	62	120255	44.134	ug/l	97
5) Bromomethane	2.644	94	88411	44.808	ug/l	98
6) Chloroethane	2.790	64	83520	46.162	ug/l	99
7) Trichlorofluoromethane	3.119	101	204877	47.656	ug/l	92
8) Diethyl Ether	3.527	74	78341	51.893	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.893	101	130116	49.922	ug/l	95
10) Methyl Iodide	4.082	142	164178	47.229	ug/l	90
11) Tert butyl alcohol	4.942	59	82805	283.601	ug/l	99
12) 1,1-Dichloroethene	3.869	96	122338	47.406	ug/l #	79
13) Acrolein	3.723	56	15384	210.847	ug/l	99
14) Allyl chloride	4.472	41	171547	49.259	ug/l #	83
15) Acrylonitrile	5.155	53	205519	284.910	ug/l	97
16) Acetone	3.942	43	152869	240.376	ug/l #	79
17) Carbon Disulfide	4.186	76	335272	43.618	ug/l	100
18) Methyl Acetate	4.472	43	94165	53.458	ug/l #	81
19) Methyl tert-butyl Ether	5.216	73	365203	54.110	ug/l	96
20) Methylene Chloride	4.710	84	198940	58.877	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	143439	48.750	ug/l	84
22) Diisopropyl ether	6.112	45	392834	52.853	ug/l #	90
23) Vinyl Acetate	6.051	43	1235512	284.145	ug/l #	88
24) 1,1-Dichloroethane	6.009	63	245662	50.757	ug/l	98
25) 2-Butanone	6.978	43	250006	275.983	ug/l #	79
26) 2,2-Dichloropropane	6.978	77	215937	47.706	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	168617	50.920	ug/l	84
28) Bromochloromethane	7.332	49	93130	52.984	ug/l #	72
29) Tetrahydrofuran	7.344	42	160781	293.004	ug/l #	76
30) Chloroform	7.502	83	265857	51.936	ug/l	99
31) Cyclohexane	7.783	56	200105	46.208	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	232709	50.264	ug/l	94
36) 1,1-Dichloropropene	7.911	75	193943	49.331	ug/l	97
37) Ethyl Acetate	7.070	43	106931	56.620	ug/l #	90
38) Carbon Tetrachloride	7.899	117	214962	50.265	ug/l	98
39) Methylcyclohexane	9.179	83	236724	49.278	ug/l	88
40) Benzene	8.155	78	581375	49.519	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	52480m	53.664	ug/l	
42) 1,2-Dichloroethane	8.234	62	161948	52.636	ug/l	89
43) Isopropyl Acetate	8.271	43	190186	55.823	ug/l #	84
44) Trichloroethene	8.935	130	167219	50.703	ug/l	99
45) 1,2-Dichloropropane	9.215	63	146632	52.478	ug/l	95
46) Dibromomethane	9.301	93	88592	54.456	ug/l	97
47) Bromodichloromethane	9.496	83	209988	53.874	ug/l	100
48) Methyl methacrylate	9.289	41	86418	56.443	ug/l #	72
49) 1,4-Dioxane	9.295	88	27303	1229.313	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	554181	302.485	ug/l #	82
52) Toluene	10.240	92	380109	50.701	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	215475	53.613	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	243266	52.444	ug/l #	78
55) 1,1,2-Trichloroethane	10.642	97	129937	55.154	ug/l	99
56) Ethyl methacrylate	10.508	69	178014	58.760	ug/l #	70
57) 1,3-Dichloropropane	10.788	76	214530	54.586	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	405378	289.475	ug/l	92
59) 2-Hexanone	10.831	43	390632	300.974	ug/l	79
60) Dibromochloromethane	10.983	129	160393	55.156	ug/l	100
61) 1,2-Dibromoethane	11.087	107	125436	55.376	ug/l	99
64) Tetrachloroethene	10.715	164	168878	50.470	ug/l	98
65) Chlorobenzene	11.514	112	420519	50.190	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	162499	51.839	ug/l	98
67) Ethyl Benzene	11.593	91	728870	49.786	ug/l	98
68) m/p-Xylenes	11.703	106	571952	99.649	ug/l	94
69) o-Xylene	12.026	106	276575	51.090	ug/l	92
70) Styrene	12.044	104	472284	51.898	ug/l	95
71) Bromoform	12.209	173	106757	54.944	ug/l #	99
73) Isopropylbenzene	12.325	105	725627	49.156	ug/l	100
74) N-amyl acetate	12.142	43	175077	56.373	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	152229	53.674	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	113708m	45.994	ug/l	
77) Bromobenzene	12.605	156	179121	50.742	ug/l	95
78) n-propylbenzene	12.666	91	877721	49.832	ug/l	98
79) 2-Chlorotoluene	12.758	91	492936	48.935	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	610305	49.018	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	52975	51.507	ug/l #	82
82) 4-Chlorotoluene	12.855	91	508473	48.625	ug/l	98
83) tert-Butylbenzene	13.075	119	536427	49.832	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	613039	50.162	ug/l	98
85) sec-Butylbenzene	13.251	105	776688	49.016	ug/l	99
86) p-Isopropyltoluene	13.367	119	659827	49.677	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	346143	49.121	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	343940	49.356	ug/l	98
89) n-Butylbenzene	13.696	91	592268	49.625	ug/l	98
90) Hexachloroethane	13.959	117	124987	48.095	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	316133	50.573	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27000	58.427	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	200146	54.313	ug/l	98
94) Hexachlorobutadiene	15.111	225	112609	51.724	ug/l	99
95) Naphthalene	15.233	128	448867	55.187	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	179294	56.342	ug/l	99

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

