

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
 Data File : VY011720.D
 Acq On : 06 Dec 2022 16:23
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/07/2022
 Supervised By :Mahesh Dadoda 12/07/2022

Quant Time: Dec 06 23:46:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	184656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	255831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89152	47.548	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.100%		
35) Dibromofluoromethane	7.716	113	90898	51.902	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.800%		
50) Toluene-d8	10.179	98	306109	48.099	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.200%		
62) 4-Bromofluorobenzene	12.483	95	120007	51.001	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	51458	52.128	ug/l	96
3) Chloromethane	2.113	50	68899	43.291	ug/l	96
4) Vinyl Chloride	2.253	62	81196	38.876	ug/l	99
5) Bromomethane	2.650	94	55466	40.871	ug/l	98
6) Chloroethane	2.796	64	56262	38.609	ug/l	100
7) Trichlorofluoromethane	3.125	101	150243	49.042	ug/l	94
8) Diethyl Ether	3.528	74	50511	51.014	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	91408	51.599	ug/l	96
10) Methyl Iodide	4.095	142	105804	51.263	ug/l	96
11) Tert butyl alcohol	4.942	59	50157	246.538	ug/l	97
12) 1,1-Dichloroethene	3.875	96	81938	50.493	ug/l	91
13) Acrolein	3.735	56	8590	173.750	ug/l	96
14) Allyl chloride	4.479	41	141254	49.586	ug/l #	92
15) Acrylonitrile	5.161	53	137770	254.748	ug/l	98
16) Acetone	3.942	43	162489	266.799	ug/l	90
17) Carbon Disulfide	4.192	76	201610	44.827	ug/l	99
18) Methyl Acetate	4.479	43	67390	47.752	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	249559	53.886	ug/l	96
20) Methylene Chloride	4.716	84	114542	50.303	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	94205	50.237	ug/l	90
22) Diisopropyl ether	6.119	45	314845	50.633	ug/l	94
23) Vinyl Acetate	6.058	43	936875	258.652	ug/l	96
24) 1,1-Dichloroethane	6.015	63	183398	50.233	ug/l	99
25) 2-Butanone	6.984	43	195540	244.303	ug/l #	87
26) 2,2-Dichloropropane	6.978	77	172557	51.210	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	114141	51.702	ug/l	92
28) Bromochloromethane	7.332	49	68798	46.906	ug/l	87
29) Tetrahydrofuran	7.344	42	107515	237.857	ug/l	90
30) Chloroform	7.503	83	196828	51.986	ug/l	100
31) Cyclohexane	7.783	56	145148	46.704	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	178138	52.595	ug/l	97
36) 1,1-Dichloropropene	7.917	75	137937	50.387	ug/l	98
37) Ethyl Acetate	7.076	43	75215	48.250	ug/l	96
38) Carbon Tetrachloride	7.899	117	161493	52.728	ug/l	100
39) Methylcyclohexane	9.185	83	156389	51.191	ug/l	91
40) Benzene	8.161	78	401877	50.396	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	41958m	53.235	ug/l	
42) 1,2-Dichloroethane	8.234	62	122813	49.798	ug/l	94
43) Isopropyl Acetate	8.271	43	135642	48.234	ug/l #	91
44) Trichloroethene	8.941	130	109104	50.851	ug/l	98
45) 1,2-Dichloropropane	9.216	63	103315	50.687	ug/l	94
46) Dibromomethane	9.307	93	56054	49.183	ug/l	98
47) Bromodichloromethane	9.496	83	150262	52.342	ug/l	99
48) Methyl methacrylate	9.295	41	62299	49.875	ug/l #	87
49) 1,4-Dioxane	9.295	88	14479	1025.850	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	382562	244.718	ug/l	91
52) Toluene	10.246	92	259366	51.433	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	148202	51.645	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	167923	52.017	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	84096	51.576	ug/l	97
56) Ethyl methacrylate	10.508	69	108807	53.655	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	139600	50.553	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	262760	264.568	ug/l	97
59) 2-Hexanone	10.831	43	283361	253.965	ug/l	90
60) Dibromochloromethane	10.984	129	104665	52.379	ug/l	100
61) 1,2-Dibromoethane	11.087	107	75024	50.409	ug/l	100
64) Tetrachloroethene	10.721	164	111462	52.871	ug/l	98
65) Chlorobenzene	11.514	112	281545	52.555	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	110164	54.256	ug/l	99
67) Ethyl Benzene	11.593	91	511468	52.877	ug/l	100
68) m/p-Xylenes	11.703	106	391576	106.345	ug/l	97
69) o-Xylene	12.032	106	188101	54.869	ug/l	95
70) Styrene	12.044	104	320866	54.832	ug/l	97
71) Bromoform	12.209	173	65615	53.118	ug/l #	99
73) Isopropylbenzene	12.331	105	513808	53.901	ug/l	100
74) N-amyl acetate	12.142	43	116655	49.556	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	92637	49.317	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	72809m	51.293	ug/l	
77) Bromobenzene	12.611	156	115117	51.718	ug/l	96
78) n-propylbenzene	12.672	91	619269	53.250	ug/l	99
79) 2-Chlorotoluene	12.758	91	344922	52.621	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	432836	53.866	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	33117	51.102	ug/l	90
82) 4-Chlorotoluene	12.855	91	354035	51.654	ug/l	100
83) tert-Butylbenzene	13.075	119	378229	54.040	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	425616	53.629	ug/l	99
85) sec-Butylbenzene	13.251	105	565321	54.134	ug/l	100
86) p-Isopropyltoluene	13.367	119	469956	53.922	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	233245	51.477	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	228696	50.476	ug/l	98
89) n-Butylbenzene	13.697	91	433311	54.084	ug/l	99
90) Hexachloroethane	13.959	117	90892	51.644	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	207257	51.602	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	15475	50.235	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	125207	56.202	ug/l	99
94) Hexachlorobutadiene	15.111	225	80349	58.021	ug/l	99
95) Naphthalene	15.239	128	243765	52.018	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	107727	56.425	ug/l	98

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

