

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011323.D
 Acq On : 07 Nov 2022 09:43
 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

11/08/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Nov 08 03:26:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	238501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	368483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	342622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	178250	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116905	45.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.660%
35) Dibromofluoromethane	7.716	113	121198	51.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.380%
50) Toluene-d8	10.179	98	453792	49.368	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.477	95	169565	53.137	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	84437	44.258	ug/l	99
3) Chloromethane	2.113	50	107974	40.828	ug/l	96
4) Vinyl Chloride	2.247	62	123462	41.792	ug/l	100
5) Bromomethane	2.644	94	86460	43.869	ug/l	95
6) Chloroethane	2.790	64	84007	44.253	ug/l	100
7) Trichlorofluoromethane	3.119	101	195601	44.818	ug/l	93
8) Diethyl Ether	3.528	74	74077	47.302	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.893	101	120575	45.951	ug/l	95
10) Methyl Iodide	4.088	142	159503	47.222	ug/l	91
11) Tert butyl alcohol	4.948	59	78407	302.414	ug/l	100
12) 1,1-Dichloroethene	3.869	96	119335	45.999	ug/l	80
13) Acrolein	3.723	56	28116	202.803	ug/l	99
14) Allyl chloride	4.472	41	177332	45.126	ug/l #	84
15) Acrylonitrile	5.155	53	190344	242.224	ug/l	97
16) Acetone	3.942	43	189651	246.306	ug/l #	82
17) Carbon Disulfide	4.192	76	372488	43.715	ug/l	100
18) Methyl Acetate	4.472	43	90186	44.241	ug/l #	86
19) Methyl tert-butyl Ether	5.216	73	344167	49.923	ug/l	98
20) Methylene Chloride	4.710	84	152669	48.313	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	141034	47.796	ug/l	87
22) Diisopropyl ether	6.112	45	385601	47.327	ug/l #	91
23) Vinyl Acetate	6.051	43	1214417	244.205	ug/l #	90
24) 1,1-Dichloroethane	6.015	63	235060	46.069	ug/l	98
25) 2-Butanone	6.978	43	259894	239.888	ug/l #	81
26) 2,2-Dichloropropane	6.978	77	217264	46.568	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	158834	48.852	ug/l	86
28) Bromochloromethane	7.332	49	97724	49.861	ug/l #	76
29) Tetrahydrofuran	7.344	42	154142	244.394	ug/l #	81
30) Chloroform	7.502	83	247920	48.109	ug/l	98
31) Cyclohexane	7.783	56	205654	43.499	ug/l	88
32) 1,1,1-Trichloroethane	7.698	97	218394	47.781	ug/l	94
36) 1,1-Dichloropropene	7.911	75	187726	48.555	ug/l	96
37) Ethyl Acetate	7.070	43	100920	48.422	ug/l #	90
38) Carbon Tetrachloride	7.899	117	201138	50.146	ug/l	100
39) Methylcyclohexane	9.179	83	234181	49.788	ug/l	89
40) Benzene	8.155	78	563046	49.551	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	48570m	42.889	ug/l	
42) 1,2-Dichloroethane	8.234	62	155667	50.450	ug/l	91
43) Isopropyl Acetate	8.271	43	180677	49.204	ug/l #	86
44) Trichloroethene	8.935	130	155891	51.264	ug/l	98
45) 1,2-Dichloropropane	9.216	63	136592	48.623	ug/l	94
46) Dibromomethane	9.301	93	80819	50.918	ug/l	98
47) Bromodichloromethane	9.490	83	190962	50.753	ug/l	99
48) Methyl methacrylate	9.289	41	84954	50.369	ug/l #	75
49) 1,4-Dioxane	9.295	88	23791	1114.182	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	514830	257.855	ug/l #	85
52) Toluene	10.240	92	363456	51.586	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	203145	51.266	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	230711	50.883	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	116973	51.421	ug/l	98
56) Ethyl methacrylate	10.508	69	161011	53.584	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	197753	50.787	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	380580	270.167	ug/l	94
59) 2-Hexanone	10.831	43	379133	265.981	ug/l	81
60) Dibromochloromethane	10.983	129	143523	53.101	ug/l	99
61) 1,2-Dibromoethane	11.087	107	112619	52.146	ug/l	99
64) Tetrachloroethene	10.721	164	155810	53.536	ug/l	98
65) Chlorobenzene	11.514	112	385040	50.938	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	144957	52.082	ug/l	98
67) Ethyl Benzene	11.593	91	690489	51.496	ug/l	97
68) m/p-Xylenes	11.703	106	544984	104.705	ug/l	94
69) o-Xylene	12.026	106	256581	52.588	ug/l	94
70) Styrene	12.044	104	440658	53.277	ug/l	96
71) Bromoform	12.209	173	94698	54.742	ug/l #	99
73) Isopropylbenzene	12.331	105	676557	50.765	ug/l	100
74) N-amyl acetate	12.142	43	163133	48.763	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	135502	49.134	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	101925m	46.969	ug/l	
77) Bromobenzene	12.605	156	161782	51.608	ug/l	96
78) n-propylbenzene	12.672	91	821835	50.395	ug/l	98
79) 2-Chlorotoluene	12.758	91	461964	49.441	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	577792	51.234	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	51176	50.471	ug/l #	82
82) 4-Chlorotoluene	12.855	91	483595	50.222	ug/l	99
83) tert-Butylbenzene	13.075	119	497971	51.246	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	572866	51.361	ug/l	99
85) sec-Butylbenzene	13.251	105	738575	51.264	ug/l	100
86) p-Isopropyltoluene	13.367	119	625400	52.079	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	321927	51.214	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	317185	50.312	ug/l	99
89) n-Butylbenzene	13.696	91	566758	50.542	ug/l	98
90) Hexachloroethane	13.959	117	120442	50.151	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	287878	51.271	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22926	48.528	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	175927	51.841	ug/l	99
94) Hexachlorobutadiene	15.111	225	104079	52.672	ug/l	98
95) Naphthalene	15.233	128	364683	46.280	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	153603	51.504	ug/l	99

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

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