

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011349.D
 Acq On : 07 Nov 2022 20:34
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

Quant Time: Nov 08 03:31:57 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	7.783	168	189269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	303107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	284898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	101614	50.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.400%
35) Dibromofluoromethane	7.716	113	103160	52.972	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.940%
50) Toluene-d8	10.179	98	376571	49.803	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.477	95	140931	53.689	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.380%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	69077	45.792	ug/l	98
3) Chloromethane	2.113	50	91184	43.447	ug/l	96
4) Vinyl Chloride	2.247	62	105140	44.848	ug/l	99
5) Bromomethane	2.644	94	77351	49.456	ug/l	98
6) Chloroethane	2.790	64	71385	47.386	ug/l	99
7) Trichlorofluoromethane	3.119	101	166057	47.945	ug/l	94
8) Diethyl Ether	3.528	74	68815	55.372	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.899	101	103750	49.824	ug/l	95
10) Methyl Iodide	4.088	142	146832	54.779	ug/l	90
11) Tert butyl alcohol	4.948	59	62837	305.454	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	102934	49.997	ug/l #	77
13) Acrolein	3.729	56	24718	226.809	ug/l	99
14) Allyl chloride	4.479	41	153568	49.243	ug/l #	82
15) Acrylonitrile	5.155	53	181292	290.715	ug/l	97
16) Acetone	3.942	43	127136	208.065	ug/l #	81
17) Carbon Disulfide	4.186	76	316313	46.778	ug/l	98
18) Methyl Acetate	4.472	43	85897	53.098	ug/l #	84
19) Methyl tert-butyl Ether	5.216	73	314527	57.491	ug/l	97
20) Methylene Chloride	4.710	84	176792	73.067	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	120713	51.551	ug/l	86
22) Diisopropyl ether	6.112	45	342097	52.909	ug/l #	92
23) Vinyl Acetate	6.058	43	1099276	278.551	ug/l #	90
24) 1,1-Dichloroethane	6.015	63	207539	51.255	ug/l	98
25) 2-Butanone	6.978	43	216757	252.113	ug/l #	81
26) 2,2-Dichloropropane	6.978	77	171966	46.447	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	140656	54.514	ug/l	86
28) Bromochloromethane	7.326	49	83541	53.712	ug/l #	76
29) Tetrahydrofuran	7.344	42	145881	291.460	ug/l #	80
30) Chloroform	7.502	83	218238	53.365	ug/l	99
31) Cyclohexane	7.783	56	171909	45.819	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	186812	51.502	ug/l	94
36) 1,1-Dichloropropene	7.911	75	160492	50.464	ug/l	96
37) Ethyl Acetate	7.070	43	96059	56.030	ug/l #	91
38) Carbon Tetrachloride	7.899	117	171111	51.861	ug/l	99
39) Methylcyclohexane	9.179	83	196878	50.885	ug/l	90
40) Benzene	8.155	78	494695	52.926	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	46286m	49.687	ug/l	11/08/2022
42) 1,2-Dichloroethane	8.234	62	139459	54.945	ug/l	Supervised By :Mahesh
43) Isopropyl Acetate	8.271	43	169195	56.015	ug/l #	89Dadoda
44) Trichloroethene	8.935	130	135765	54.275	ug/l	85
45) 1,2-Dichloropropane	9.209	63	122992	53.225	ug/l	99
46) Dibromomethane	9.301	93	74953	57.408	ug/l	95
47) Bromodichloromethane	9.496	83	171858	55.527	ug/l	98
48) Methyl methacrylate	9.289	41	77297	55.714	ug/l #	10011/08/2022
49) 1,4-Dioxane	9.295	88	23539	1340.148	ug/l #	73
51) 4-Methyl-2-Pentanone	10.069	43	485244	295.457	ug/l #	83
52) Toluene	10.240	92	317274	54.744	ug/l	84
53) t-1,3-Dichloropropene	10.465	75	182302	55.929	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	204937	54.948	ug/l #	98
55) 1,1,2-Trichloroethane	10.642	97	108396	57.928	ug/l	80
56) Ethyl methacrylate	10.508	69	150577	60.920	ug/l #	98
57) 1,3-Dichloropropane	10.788	76	183049	57.150	ug/l	72
58) 2-Chloroethyl Vinyl ether	9.783	63	327635	282.747	ug/l	98
59) 2-Hexanone	10.831	43	338434	288.639	ug/l	94
60) Dibromochloromethane	10.983	129	130375	58.641	ug/l	81
61) 1,2-Dibromoethane	11.087	107	105190	59.212	ug/l	99
64) Tetrachloroethene	10.715	164	136665	56.473	ug/l	100
65) Chlorobenzene	11.514	112	345116	54.907	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	129129	55.795	ug/l	99
67) Ethyl Benzene	11.593	91	603026	54.085	ug/l	98
68) m/p-Xylenes	11.703	106	474427	109.617	ug/l	98
69) o-Xylene	12.026	106	229250	56.507	ug/l	94
70) Styrene	12.044	104	391232	56.885	ug/l	92
71) Bromoform	12.203	173	86786	60.333	ug/l #	95
73) Isopropylbenzene	12.331	105	587379	53.204	ug/l	100
74) N-amyl acetate	12.142	43	150326	54.243	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	128161	56.099	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	94571m	52.608	ug/l	
77) Bromobenzene	12.605	156	145251	55.932	ug/l	96
78) n-propylbenzene	12.666	91	706140	52.271	ug/l	98
79) 2-Chlorotoluene	12.751	91	407831	52.689	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	506900	54.259	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	45274	53.899	ug/l #	100
82) 4-Chlorotoluene	12.855	91	423476	53.089	ug/l	82
83) tert-Butylbenzene	13.068	119	435864	54.146	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	507797	54.958	ug/l	93
85) sec-Butylbenzene	13.251	105	635956	53.285	ug/l	99
86) p-Isopropyltoluene	13.367	119	540947	54.378	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	285068	54.744	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	286229	54.807	ug/l	99
89) n-Butylbenzene	13.696	91	489818	52.729	ug/l	98
90) Hexachloroethane	13.959	117	103852	52.200	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	259505	55.792	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22039	56.314	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	160595	57.126	ug/l	77
94) Hexachlorobutadiene	15.111	225	89521	54.689	ug/l	99
95) Naphthalene	15.233	128	355517	53.761	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	143845	58.223	ug/l	98

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

11/08/2022
 Supervised By :Mahesh
 Dadoda

11/08/2022

