

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011171.D
 Acq On : 28 Oct 2022 21:27
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 28 23:48:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

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

Internal Standards						11/01/2022
1) Pentafluorobenzene	7.789	168	251379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	412948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	376758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184855	50.000	ug/l	0.00
System Monitoring Compounds						11/01/2022
33) 1,2-Dichloroethane-d4	8.142	65	131752	50.687	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.380%	
35) Dibromofluoromethane	7.716	113	128520	50.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.220%	
50) Toluene-d8	10.179	98	506289	50.324	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.640%	
62) 4-Bromofluorobenzene	12.477	95	170275	51.726	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.460%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	57621	46.461	ug/l	98
3) Chloromethane	2.113	50	76567	47.350	ug/l	97
4) Vinyl Chloride	2.247	62	90718	46.510	ug/l	99
5) Bromomethane	2.649	94	65911	50.690	ug/l	98
6) Chloroethane	2.790	64	64821	47.344	ug/l	99
7) Trichlorofluoromethane	3.125	101	151824	42.730	ug/l	96
8) Diethyl Ether	3.527	74	61683	48.192	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.899	101	97778	43.576	ug/l	94
10) Methyl Iodide	4.088	142	110674	45.021	ug/l	91
11) Tert butyl alcohol	4.948	59	66041	262.822	ug/l	98
12) 1,1-Dichloroethene	3.869	96	88654	43.901	ug/l	85
13) Acrolein	3.722	56	37337	226.345	ug/l	98
14) Allyl chloride	4.478	41	145299	46.339	ug/l #	85
15) Acrylonitrile	5.161	53	176933	250.512	ug/l	97
16) Acetone	3.942	43	128131	201.471	ug/l #	82
17) Carbon Disulfide	4.192	76	201644	44.767	ug/l	99
18) Methyl Acetate	4.472	43	82893	49.118	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	302994	50.833	ug/l	96
20) Methylene Chloride	4.710	84	148187	57.461	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	102498	44.270	ug/l	89
22) Diisopropyl ether	6.118	45	363868	50.476	ug/l #	90
23) Vinyl Acetate	6.057	43	1107688	270.278	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	206381	46.338	ug/l	99
25) 2-Butanone	6.978	43	216585	237.577	ug/l #	85
26) 2,2-Dichloropropane	6.978	77	174528	43.847	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	131511	46.883	ug/l	88
28) Bromochloromethane	7.331	49	114051	56.081	ug/l	87
29) Tetrahydrofuran	7.344	42	141750	260.969	ug/l #	85
30) Chloroform	7.502	83	218451	46.719	ug/l	98
31) Cyclohexane	7.783	56	146783	44.834	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	182002	45.748	ug/l	95
36) 1,1-Dichloropropene	7.917	75	145678	44.003	ug/l	98
37) Ethyl Acetate	7.069	43	95631	51.054	ug/l #	92
38) Carbon Tetrachloride	7.898	117	161038	44.658	ug/l	98
39) Methylcyclohexane	9.185	83	161616	43.751	ug/l	90
40) Benzene	8.155	78	456671	46.074	ug/l	97

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Supervised By :Mahesh Dadoda 11/01/2022

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Quant Title : SW846 8260

QLast Update : Fri Oct 28 23:42:14 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	44630m	45.593	ug/l	11/01/2022
42) 1,2-Dichloroethane	8.234	62	133996	47.515	ug/l	Supervised By :Mahesh Dadoda
43) Isopropyl Acetate	8.270	43	168497	50.448	ug/l #	89
44) Trichloroethene	8.935	130	120685	45.303	ug/l	93
45) 1,2-Dichloropropane	9.215	63	124436	47.694	ug/l	97
46) Dibromomethane	9.301	93	70335	48.225	ug/l	96
47) Bromodichloromethane	9.496	83	173659	48.183	ug/l	100
48) Methyl methacrylate	9.288	41	75850	50.949	ug/l #	11/01/2022
49) 1,4-Dioxane	9.295	88	21292	1057.726	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	496830	263.825	ug/l #	88
52) Toluene	10.240	92	288824	46.553	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	174411	48.264	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	197281	48.163	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	105412	48.559	ug/l	98
56) Ethyl methacrylate	10.508	69	142226	52.060	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	178367	49.225	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	347153	264.334	ug/l	97
59) 2-Hexanone	10.831	43	339459	261.190	ug/l	84
60) Dibromochloromethane	10.983	129	125718	48.978	ug/l	99
61) 1,2-Dibromoethane	11.087	107	94998	48.211	ug/l	100
64) Tetrachloroethene	10.715	164	115111	44.280	ug/l	95
65) Chlorobenzene	11.514	112	323338	46.607	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	127631	47.415	ug/l	98
67) Ethyl Benzene	11.593	91	563951	46.533	ug/l	99
68) m/p-Xylenes	11.703	106	431800	93.483	ug/l	95
69) o-Xylene	12.026	106	210932	47.880	ug/l	95
70) Styrene	12.044	104	370666	49.232	ug/l	95
71) Bromoform	12.209	173	81192	49.225	ug/l #	99
73) Isopropylbenzene	12.331	105	564146	46.742	ug/l	99
74) N-amyl acetate	12.142	43	151677	51.196	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	127336	48.358	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	90713m	47.200	ug/l	
77) Bromobenzene	12.605	156	132902	46.818	ug/l	98
78) n-propylbenzene	12.666	91	682701	46.513	ug/l	100
79) 2-Chlorotoluene	12.751	91	393342	46.856	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	477485	46.955	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	42860	47.360	ug/l #	85
82) 4-Chlorotoluene	12.849	91	404266	46.422	ug/l	99
83) tert-Butylbenzene	13.074	119	421245	47.455	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	477665	47.720	ug/l	100
85) sec-Butylbenzene	13.251	105	622753	46.919	ug/l	100
86) p-Isopropyltoluene	13.367	119	515859	47.309	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	265673	46.101	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	265943	46.128	ug/l	99
89) n-Butylbenzene	13.690	91	480546	47.182	ug/l	99
90) Hexachloroethane	13.958	117	102717	45.094	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	244677	47.198	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20538	48.450	ug/l	84
93) 1,2,4-Trichlorobenzene	15.001	180	144963	48.863	ug/l	99
94) Hexachlorobutadiene	15.111	225	82874	46.257	ug/l	99
95) Naphthalene	15.233	128	311098	47.125	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	128282	49.672	ug/l	99

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

11/01/2022
 Supervised By :Mahesh
 Dadoda

11/01/2022

