

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009932.D
 Acq On : 09 Aug 2022 20:11
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 09 23:10:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	63451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	105405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	97557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53060	50.000	ug/l	0.00

08/10/2022
 Supervised By :Mahesh
 Dadoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	25135	50.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.360%	
35) Dibromofluoromethane	7.710	113	27846	48.666	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.340%	
50) Toluene-d8	10.173	98	83196	47.689	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.380%	
62) 4-Bromofluorobenzene	12.477	95	42249	52.882	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.760%	

08/11/2022

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	23261	42.972	ug/l	100
3) Chloromethane	2.101	50	28905	42.943	ug/l	99
4) Vinyl Chloride	2.235	62	29342	41.899	ug/l	97
5) Bromomethane	2.631	94	20400	42.814	ug/l	99
6) Chloroethane	2.778	64	18443	43.561	ug/l	96
7) Trichlorofluoromethane	3.107	101	54537	48.003	ug/l	98
8) Diethyl Ether	3.515	74	19485	49.247	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.875	101	32275	49.541	ug/l	95
10) Methyl Iodide	4.076	142	35153	46.999	ug/l	100
11) Tert butyl alcohol	4.960	59	16483	229.138	ug/l	97
12) 1,1-Dichloroethene	3.857	96	29212	48.424	ug/l	95
13) Acrolein	3.716	56	938	119.456	ug/l	84
14) Allyl chloride	4.460	41	51419	45.742	ug/l	97
15) Acrylonitrile	5.149	53	55727	262.937	ug/l	98
16) Acetone	3.936	43	38980	217.785	ug/l	99
17) Carbon Disulfide	4.174	76	94967	49.379	ug/l	98
18) Methyl Acetate	4.466	43	26775	49.698	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	85677	50.896	ug/l	98
20) Methylene Chloride	4.698	84	45532	54.137	ug/l	94
21) trans-1,2-Dichloroethene	5.198	96	35914	51.973	ug/l	99
22) Diisopropyl ether	6.106	45	118262	50.064	ug/l	98
23) Vinyl Acetate	6.045	43	386000	260.947	ug/l	97
24) 1,1-Dichloroethane	6.003	63	63246	49.543	ug/l	97
25) 2-Butanone	6.978	43	73301	248.690	ug/l	100
26) 2,2-Dichloropropane	6.972	77	45106	40.697	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	40740	51.950	ug/l	97
28) Bromochloromethane	7.320	49	22150	49.806	ug/l	95
29) Tetrahydrofuran	7.338	42	52005	270.303	ug/l	97
30) Chloroform	7.496	83	65758	51.241	ug/l	100
31) Cyclohexane	7.777	56	60257	48.919	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	57390	53.011	ug/l	98
36) 1,1-Dichloropropene	7.911	75	49481	51.249	ug/l	99
37) Ethyl Acetate	7.057	43	33743	52.675	ug/l	99
38) Carbon Tetrachloride	7.886	117	50716	52.926	ug/l	97
39) Methylcyclohexane	9.173	83	60552	53.190	ug/l	97
40) Benzene	8.149	78	160434	55.435	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	18457m	52.751	ug/l	100
42) 1,2-Dichloroethane	8.228	62	44162	54.997	ug/l	98
43) Isopropyl Acetate	8.264	43	61044	53.532	ug/l	99
44) Trichloroethene	8.929	130	40662	54.234	ug/l	99
45) 1,2-Dichloropropane	9.209	63	39816	53.029	ug/l	99
46) Dibromomethane	9.301	93	23103	55.044	ug/l	94
47) Bromodichloromethane	9.490	83	50211	52.135	ug/l	97
48) Methyl methacrylate	9.289	41	25554	50.378	ug/l	97
49) 1,4-Dioxane	9.295	88	5538	1149.503	ug/l	96
51) 4-Methyl-2-Pentanone	10.063	43	172273	273.354	ug/l	98
52) Toluene	10.240	92	97399	54.376	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	50493	50.002	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	59052	51.256	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	32236	53.206	ug/l	96
56) Ethyl methacrylate	10.508	69	44005	56.177	ug/l	98
57) 1,3-Dichloropropane	10.788	76	54837	53.962	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	88863	245.210	ug/l	97
59) 2-Hexanone	10.831	43	119714	278.293	ug/l	99
60) Dibromochloromethane	10.977	129	37114	53.209	ug/l	99
61) 1,2-Dibromoethane	11.081	107	30551	53.035	ug/l	99
64) Tetrachloroethene	10.715	164	38287	53.579	ug/l	97
65) Chlorobenzene	11.514	112	103724	53.552	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	37463	53.508	ug/l	97
67) Ethyl Benzene	11.587	91	184930	55.128	ug/l	97
68) m/p-Xylenes	11.697	106	146023	113.774	ug/l	97
69) o-Xylene	12.026	106	68208	56.617	ug/l	98
70) Styrene	12.038	104	122245	59.164	ug/l	99
71) Bromoform	12.203	173	23866	55.189	ug/l #	100
73) Isopropylbenzene	12.325	105	179919	50.812	ug/l	100
74) N-amyl acetate	12.142	43	57832	50.336	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	41511	51.135	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	28781m	49.578	ug/l	89
77) Bromobenzene	12.605	156	42202	49.355	ug/l	98
78) n-propylbenzene	12.666	91	234827	52.207	ug/l	98
79) 2-Chlorotoluene	12.751	91	129597	51.480	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	155997	52.615	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	14416	50.206	ug/l	94
82) 4-Chlorotoluene	12.849	91	138087	52.029	ug/l	97
83) tert-Butylbenzene	13.075	119	132304	51.621	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	156241	53.348	ug/l	99
85) sec-Butylbenzene	13.251	105	207561	52.745	ug/l	99
86) p-Isopropyltoluene	13.367	119	170835	53.626	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	88976	52.027	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	88491	50.868	ug/l	98
89) n-Butylbenzene	13.690	91	165271	53.111	ug/l	97
90) Hexachloroethane	13.959	117	34277	51.640	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	80813	51.843	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6450	49.673	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	43077	48.754	ug/l	98
94) Hexachlorobutadiene	15.111	225	24812	49.442	ug/l	97
95) Naphthalene	15.233	128	101441	54.833	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	39920	50.782	ug/l	98

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

08/10/2022
Supervised By :Mahesh
Dadoda

08/11/2022

