

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040822\
 Data File : VY008257.D
 Acq On : 08 Apr 2022 13:20
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Apr 08 13:49:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 12:53:57 2022
 Response via : Initial Calibration

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

Internal Standards						04/11/2022
1) Pentafluorobenzene	7.789	168	151512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116192	50.000	ug/l	0.00
System Monitoring Compounds						04/11/2022
33) 1,2-Dichloroethane-d4	8.142	65	189039	128.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 257.640%#	
35) Dibromofluoromethane	7.715	113	215757	144.283	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 288.560%#	
50) Toluene-d8	10.178	98	738423	133.066	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 266.140%#	
62) 4-Bromofluorobenzene	12.483	95	264676	134.678	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 269.360%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	170559	132.008	ug/l	99
3) Chloromethane	2.113	50	193025	120.866	ug/l	94
4) Vinyl Chloride	2.247	62	272563	128.083	ug/l	98
5) Bromomethane	2.631	94	235592	133.701	ug/l	99
6) Chloroethane	2.783	64	197321	139.193	ug/l	99
7) Trichlorofluoromethane	3.119	101	363343	135.174	ug/l	91
8) Diethyl Ether	3.527	74	124480	141.585	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.893	101	235137	140.147	ug/l	94
10) Methyl Iodide	4.088	142	286743	167.065	ug/l	89
11) Tert butyl alcohol	4.954	59	94132	624.156	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	209940	135.775	ug/l #	79
13) Acrolein	3.722	56	101592	779.411	ug/l	96
14) Allyl chloride	4.478	41	260637	128.153	ug/l #	88
15) Acrylonitrile	5.161	53	279844	664.524	ug/l	97
16) Acetone	3.942	43	207005	619.117	ug/l #	82
17) Carbon Disulfide	4.192	76	530673	123.412	ug/l	99
18) Methyl Acetate	4.472	43	112961	99.240	ug/l #	76
19) Methyl tert-butyl Ether	5.216	73	619200	138.983	ug/l	92
20) Methylene Chloride	4.710	84	242274	120.576	ug/l #	75
21) trans-1,2-Dichloroethene	5.216	96	246502	136.864	ug/l #	78
22) Diisopropyl ether	6.118	45	580970	130.895	ug/l #	88
23) Vinyl Acetate	6.057	43	1912190	700.173	ug/l #	81
24) 1,1-Dichloroethane	6.015	63	394510	134.846	ug/l	96
25) 2-Butanone	6.984	43	325693	639.603	ug/l #	72
26) 2,2-Dichloropropane	6.978	77	388299	140.441	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	297392	141.303	ug/l	78
28) Bromochloromethane	7.331	49	164683	159.690	ug/l #	50
29) Tetrahydrofuran	7.344	42	208265	627.722	ug/l #	67
30) Chloroform	7.502	83	450552	141.496	ug/l	99
31) Cyclohexane	7.783	56	316313	115.885	ug/l #	81
32) 1,1,1-Trichloroethane	7.697	97	411562	140.991	ug/l	93
36) 1,1-Dichloropropene	7.917	75	324255	138.647	ug/l	94
37) Ethyl Acetate	7.069	43	148885	135.668	ug/l #	88
38) Carbon Tetrachloride	7.898	117	380943	149.606	ug/l	97
39) Methylcyclohexane	9.185	83	421987	134.455	ug/l #	81
40) Benzene	8.161	78	944057	140.220	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	94837m	168.504	ug/l	88
42) 1,2-Dichloroethane	8.234	62	265171	139.698	ug/l	88
43) Isopropyl Acetate	8.270	43	286002	133.297	ug/l #	82
44) Trichloroethene	8.941	130	289840	148.782	ug/l	95
45) 1,2-Dichloropropane	9.215	63	225886	141.512	ug/l	94
46) Dibromomethane	9.307	93	152959	145.883	ug/l	96
47) Bromodichloromethane	9.496	83	356644	148.753	ug/l	99
48) Methyl methacrylate	9.294	41	122013	129.742	ug/l #	70
49) 1,4-Dioxane	9.294	88	39350	2846.255	ug/l #	71
51) 4-Methyl-2-Pentanone	10.069	43	717345	663.313	ug/l #	81
52) Toluene	10.246	92	633408	143.704	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	364400	148.826	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	405988	146.237	ug/l #	80
55) 1,1,2-Trichloroethane	10.642	97	216757	149.250	ug/l	97
56) Ethyl methacrylate	10.508	69	270019	144.619	ug/l #	71
57) 1,3-Dichloropropane	10.788	76	341455	143.897	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	506844	647.245	ug/l #	84
59) 2-Hexanone	10.831	43	495357	657.789	ug/l	78
60) Dibromochloromethane	10.983	129	280189	159.124	ug/l	99
61) 1,2-Dibromoethane	11.087	107	215905	149.970	ug/l	100
64) Tetrachloroethene	10.721	164	247434	144.478	ug/l	98
65) Chlorobenzene	11.514	112	727376	144.565	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	292140	156.829	ug/l	98
67) Ethyl Benzene	11.593	91	1231566	140.148	ug/l	94
68) m/p-Xylenes	11.703	106	1014978	290.920	ug/l	86
69) o-Xylene	12.032	106	490303	146.299	ug/l	86
70) Styrene	12.044	104	816391	148.840	ug/l	93
71) Bromoform	12.209	173	184157	164.744	ug/l #	99
73) Isopropylbenzene	12.331	105	1260470	135.394	ug/l	97
74) N-amyl acetate	12.142	43	243892	119.904	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.587	83	239178	131.387	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	179212m	128.371	ug/l	
77) Bromobenzene	12.611	156	322961	150.603	ug/l	81
78) n-propylbenzene	12.672	91	1426186	129.683	ug/l	93
79) 2-Chlorotoluene	12.757	91	803236	131.829	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	1020698	133.789	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.379	75	80768	131.774	ug/l #	80
82) 4-Chlorotoluene	12.855	91	814483	130.224	ug/l	92
83) tert-Butylbenzene	13.074	119	945294	139.256	ug/l	90
84) 1,2,4-Trimethylbenzene	13.123	105	1017265	136.479	ug/l	95
85) sec-Butylbenzene	13.257	105	1345780	133.837	ug/l	97
86) p-Isopropyltoluene	13.373	119	1172813	140.167	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	627418	147.127	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	606821	142.823	ug/l	97
89) n-Butylbenzene	13.696	91	998175	129.695	ug/l	96
90) Hexachloroethane	13.964	117	224822	139.362	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	555425	148.070	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	36883	128.461	ug/l	60
93) 1,2,4-Trichlorobenzene	15.007	180	349272	155.624	ug/l	99
94) Hexachlorobutadiene	15.117	225	182105	153.328	ug/l	98
95) Naphthalene	15.239	128	729769	148.474	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	306235	157.689	ug/l	99

04/11/2022
 Supervised By :Semsettin
 Yesilyurt

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

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