

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
 Data File : VY009255.D
 Acq On : 21 Jun 2022 13:41
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 21 14:03:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 13:44:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	178531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	249162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	276013	147.916	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 295.840%#			
35) Dibromofluoromethane	7.710	113	271078	152.318	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 304.640%#			
50) Toluene-d8	10.179	98	990249	146.460	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 292.920%#			
62) 4-Bromofluorobenzene	12.477	95	349955	145.877	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 291.760%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	199549	149.506	ug/l	99
3) Chloromethane	2.107	50	219127	132.175	ug/l	96
4) Vinyl Chloride	2.247	62	235270	134.553	ug/l	99
5) Bromomethane	2.613	94	163360	132.887	ug/l	97
6) Chloroethane	2.772	64	154749	141.016	ug/l	97
7) Trichlorofluoromethane	3.113	101	442946	158.915	ug/l	96
8) Diethyl Ether	3.521	74	165673	157.102	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.881	101	285818	165.805	ug/l	93
10) Methyl Iodide	4.082	142	372620	169.909	ug/l #	88
11) Tert butyl alcohol	4.954	59	173978	583.430	ug/l	98
12) 1,1-Dichloroethene	3.863	96	269907	160.675	ug/l	86
13) Acrolein	3.717	56	82653	1167.815	ug/l	98
14) Allyl chloride	4.466	41	452764	149.136	ug/l #	90
15) Acrylonitrile	5.155	53	416799	736.043	ug/l	98
16) Acetone	3.942	43	344596	736.973	ug/l #	88
17) Carbon Disulfide	4.180	76	741546	153.054	ug/l	100
18) Methyl Acetate	4.466	43	192013	123.477	ug/l #	91
19) Methyl tert-butyl Ether	5.216	73	785039	153.654	ug/l	96
20) Methylene Chloride	4.704	84	329469	135.840	ug/l #	82
21) trans-1,2-Dichloroethene	5.210	96	296566	149.913	ug/l	86
22) Diisopropyl ether	6.112	45	895801	141.212	ug/l #	93
23) Vinyl Acetate	6.051	43	2971611	748.968	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	529436	148.302	ug/l	99
25) 2-Butanone	6.978	43	507771	684.116	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	485695	152.633	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	346549	148.596	ug/l	87
28) Bromochloromethane	7.326	49	212375	138.732	ug/l #	78
29) Tetrahydrofuran	7.344	42	337493	687.990	ug/l #	88
30) Chloroform	7.502	83	553739	150.524	ug/l	99
31) Cyclohexane	7.777	56	454640	136.546	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	505991	157.046	ug/l	95
36) 1,1-Dichloropropene	7.911	75	411534	151.612	ug/l	96
37) Ethyl Acetate	7.070	43	231958	143.428	ug/l #	94
38) Carbon Tetrachloride	7.893	117	452481	160.779	ug/l	99
39) Methylcyclohexane	9.179	83	512906	156.307	ug/l	90
40) Benzene	8.155	78	1194276	149.392	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	120429m	137.767	ug/l	
42) 1,2-Dichloroethane	8.234	62	353838	152.453	ug/l	92
43) Isopropyl Acetate	8.271	43	443476	148.213	ug/l #	92
44) Trichloroethene	8.935	130	345543	151.653	ug/l	99
45) 1,2-Dichloropropane	9.209	63	298699	147.158	ug/l	95
46) Dibromomethane	9.301	93	175382	151.068	ug/l	98
47) Bromodichloromethane	9.490	83	431245	155.414	ug/l	98
48) Methyl methacrylate	9.289	41	197139	148.708	ug/l #	86
49) 1,4-Dioxane	9.295	88	47628	2912.058	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	1120560	713.061	ug/l	91
52) Toluene	10.240	92	761608	149.507	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	452170	155.473	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	504611	153.167	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	246624	149.882	ug/l	97
56) Ethyl methacrylate	10.508	69	346668	156.153	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	417220	148.832	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	658394	678.706	ug/l	93
59) 2-Hexanone	10.831	43	774805	718.134	ug/l	90
60) Dibromochloromethane	10.984	129	308294	153.020	ug/l	99
61) 1,2-Dibromoethane	11.087	107	241323	151.613	ug/l	99
64) Tetrachloroethene	10.715	164	331225	143.982	ug/l	95
65) Chlorobenzene	11.514	112	821607	152.713	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	304151	154.287	ug/l	98
67) Ethyl Benzene	11.587	91	1449202	154.396	ug/l	98
68) m/p-Xylenes	11.697	106	1135733	307.162	ug/l	93
69) o-Xylene	12.026	106	548663	156.191	ug/l	93
70) Styrene	12.044	104	931682	158.402	ug/l	97
71) Bromoform	12.203	173	197285	157.254	ug/l #	99
73) Isopropylbenzene	12.325	105	1471158	162.725	ug/l	99
74) N-amyl acetate	12.142	43	395209	158.088	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	269190	151.342	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	201150m	151.138	ug/l	
77) Bromobenzene	12.605	156	341914	154.302	ug/l	94
78) n-propylbenzene	12.672	91	1726108	157.918	ug/l	97
79) 2-Chlorotoluene	12.752	91	979518	158.811	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	1203489	159.626	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	103645	156.425	ug/l	88
82) 4-Chlorotoluene	12.855	91	1009412	156.965	ug/l	97
83) tert-Butylbenzene	13.075	119	1072976	162.340	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	1180266	159.509	ug/l	98
85) sec-Butylbenzene	13.251	105	1562418	159.035	ug/l	98
86) p-Isopropyltoluene	13.367	119	1297981	159.269	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	652216	152.768	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	661299	152.877	ug/l	98
89) n-Butylbenzene	13.696	91	1207704	157.045	ug/l	98
90) Hexachloroethane	13.959	117	244737	158.513	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	598196	155.340	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	47937	151.660	ug/l	80
93) 1,2,4-Trichlorobenzene	15.007	180	375824	155.781	ug/l	98
94) Hexachlorobutadiene	15.111	225	188245	141.909	ug/l	98
95) Naphthalene	15.233	128	817944	163.450	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	327745	155.464	ug/l	98

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

