

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021732.D
 Acq On : 05 Jan 2022 14:23
 Operator : SY/VA
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/06/2022
 Supervised By : Mahesh Dadoda 01/07/2022

Quant Time: Jan 05 14:44:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 14:04:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	160605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	239260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	221591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	115567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	196635	132.176	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 264.360%#			
35) Dibromofluoromethane	7.884	113	228896	152.519	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 305.040%#			
50) Toluene-d8	10.323	98	834313	151.577	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 303.160%#			
62) 4-Bromofluorobenzene	12.621	95	299939	146.115	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 292.240%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	54276	185.843	ug/l	97
3) Chloromethane	2.221	50	151371	163.723	ug/l	97
4) Vinyl Chloride	2.361	62	241008	148.038	ug/l	99
5) Bromomethane	2.739	94	206679	197.234	ug/l	98
6) Chloroethane	2.910	64	137178	218.604	ug/l	100
7) Trichlorofluoromethane	3.251	101	160109	237.127	ug/l	98
8) Diethyl Ether	3.684	74	94783	133.654	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.062	101	216126	155.161	ug/l	97
10) Methyl Iodide	4.269	142	325334	154.851	ug/l	100
11) Tert butyl alcohol	5.165	59	56138	428.315	ug/l #	87
12) 1,1-Dichloroethene	4.043	96	205583	150.618	ug/l	91
13) Acrolein	3.897	56	45660	2014.050	ug/l	93
14) Allyl chloride	4.671	41	260049	132.702	ug/l	94
15) Acrylonitrile	5.366	53	188901	615.672	ug/l	99
16) Acetone	4.123	43	209043	675.975	ug/l	98
17) Carbon Disulfide	4.379	76	551827	147.124	ug/l	99
18) Methyl Acetate	4.671	43	119267	110.527	ug/l	92
19) Methyl tert-butyl Ether	5.434	73	304666	129.529	ug/l	97
20) Methylene Chloride	4.915	84	222076	128.570	ug/l	89
21) trans-1,2-Dichloroethene	5.427	96	232215	149.451	ug/l	91
22) Diisopropyl ether	6.311	45	516480	128.453	ug/l	97
23) Vinyl Acetate	6.257	43	1428995	607.328	ug/l	96
24) 1,1-Dichloroethane	6.214	63	360292	140.846	ug/l	100
25) 2-Butanone	7.171	43	258449	588.434	ug/l #	90
26) 2,2-Dichloropropane	7.165	77	248133	136.704	ug/l	97
27) cis-1,2-Dichloroethene	7.171	96	256642	147.854	ug/l	94
28) Bromochloromethane	7.512	49	132594	122.493	ug/l	84
29) Tetrahydrofuran	7.531	42	146137	548.649	ug/l	93
30) Chloroform	7.677	83	400296	142.237	ug/l	97
31) Cyclohexane	7.957	56	322448	129.924	ug/l	96
32) 1,1,1-Trichloroethane	7.872	97	364263	153.292	ug/l	97
36) 1,1-Dichloropropene	8.085	75	309575	144.027	ug/l	99
37) Ethyl Acetate	7.250	43	105404	107.509	ug/l	98
38) Carbon Tetrachloride	8.073	117	354716	155.136	ug/l	96
39) Methylcyclohexane	9.335	83	408946	151.535	ug/l	96
40) Benzene	8.323	78	855017	139.514	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	65244	124.811	ug/l	94
42) 1,2-Dichloroethane	8.402	62	235678	126.772	ug/l	97
43) Isopropyl Acetate	8.421	43	204437	106.252	ug/l	92
44) Trichloroethene	9.091	130	278058	155.503	ug/l	97
45) 1,2-Dichloropropane	9.372	63	193353	136.994	ug/l	97
46) Dibromomethane	9.457	93	124126	138.809	ug/l	97
47) Bromodichloromethane	9.646	83	293797	138.869	ug/l	99
48) Methyl methacrylate	9.433	41	98826	115.461	ug/l	93
49) 1,4-Dioxane	9.445	88	31926	2477.720	ug/l #	94
51) 4-Methyl-2-Pentanone	10.207	43	529297	540.297	ug/l	94
52) Toluene	10.390	92	589007	149.514	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	290967	138.516	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	335654	141.201	ug/l	92
55) 1,1,2-Trichloroethane	10.786	97	166608	138.971	ug/l	97
56) Ethyl methacrylate	10.646	69	198128	129.785	ug/l #	88
57) 1,3-Dichloropropane	10.932	76	272899	135.201	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	439594	572.175	ug/l	96
59) 2-Hexanone	10.969	43	384468	564.162	ug/l	93
60) Dibromochloromethane	11.128	129	222768	147.391	ug/l	100
61) 1,2-Dibromoethane	11.237	107	173364	145.747	ug/l	97
64) Tetrachloroethene	10.865	164	233556	141.869	ug/l	92
65) Chlorobenzene	11.658	112	675956	151.727	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.731	131	246230	148.643	ug/l	96
67) Ethyl Benzene	11.731	91	1145872	146.564	ug/l	99
68) m/p-Xylenes	11.841	106	949681	300.460	ug/l	94
69) o-Xylene	12.164	106	463012	156.218	ug/l	92
70) Styrene	12.182	104	754647	151.599	ug/l	97
71) Bromoform	12.347	173	138056	144.181	ug/l #	97
73) Isopropylbenzene	12.463	105	1222416	154.788	ug/l	99
74) N-amyl acetate	12.274	43	192104	102.124	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.713	83	170726	123.914	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	109657m	105.608	ug/l	
77) Bromobenzene	12.749	156	296212	154.420	ug/l	88
78) n-propylbenzene	12.804	91	1407229	151.289	ug/l	98
79) 2-Chlorotoluene	12.889	91	776335	144.409	ug/l	96
80) 1,3,5-Trimethylbenzene	12.938	105	1018479	150.388	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.511	75	53222	120.572	ug/l	92
82) 4-Chlorotoluene	12.987	91	808489	141.812	ug/l	92
83) tert-Butylbenzene	13.206	119	937977	154.961	ug/l	94
84) 1,2,4-Trimethylbenzene	13.249	105	978039	146.247	ug/l	95
85) sec-Butylbenzene	13.383	105	1319253	151.451	ug/l	97
86) p-Isopropyltoluene	13.499	119	1116010	148.613	ug/l	96
87) 1,3-Dichlorobenzene	13.499	146	576504	148.291	ug/l	98
88) 1,4-Dichlorobenzene	13.572	146	574284	147.002	ug/l	98
89) n-Butylbenzene	13.822	91	988445	146.592	ug/l	96
90) Hexachloroethane	14.090	117	197883	139.920	ug/l	90
91) 1,2-Dichlorobenzene	13.865	146	508958	149.017	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.481	75	26867	111.046	ug/l	88
93) 1,2,4-Trichlorobenzene	15.133	180	343055	140.957	ug/l	99
94) Hexachlorobutadiene	15.231	225	177326	128.481	ug/l	98
95) Naphthalene	15.359	128	580013	128.584	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	281200	131.031	ug/l	95

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

