

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021731.D
 Acq On : 05 Jan 2022 13:59
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 14:35:55 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	7.952	168	158472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	245427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	228519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	117165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	130195	88.693	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 177.380%#			
35) Dibromofluoromethane	7.891	113	145769	94.689	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 189.380%#			
50) Toluene-d8	10.323	98	539555	95.562	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 191.120%#			
62) 4-Bromofluorobenzene	12.615	95	197619	93.851	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 187.700%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	32745	113.629	ug/l	96
3) Chloromethane	2.215	50	108129	118.527	ug/l	99
4) Vinyl Chloride	2.361	62	164175	102.201	ug/l	99
5) Bromomethane	2.782	94	178682	172.811	ug/l	99
6) Chloroethane	2.916	64	102571	165.655	ug/l	96
7) Trichlorofluoromethane	3.257	101	104979	157.570	ug/l	95
8) Diethyl Ether	3.684	74	64594	92.311	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.068	101	145536	105.889	ug/l	97
10) Methyl Iodide	4.275	142	217091	104.721	ug/l	99
11) Tert butyl alcohol	5.226	59	32302m	249.771	ug/l	
12) 1,1-Dichloroethene	4.038	96	138146	102.573	ug/l	96
13) Acrolein	3.903	56	29218	1306.145	ug/l	94
14) Allyl chloride	4.672	41	173091	89.517	ug/l	95
15) Acrylonitrile	5.373	53	128068	423.021	ug/l	99
16) Acetone	4.147	43	124270	407.257	ug/l	97
17) Carbon Disulfide	4.385	76	362667	97.993	ug/l	98
18) Methyl Acetate	4.678	43	81056	76.127	ug/l	94
19) Methyl tert-butyl Ether	5.434	73	212473	91.549	ug/l	97
20) Methylene Chloride	4.915	84	154894	90.882	ug/l	93
21) trans-1,2-Dichloroethene	5.428	96	157046	102.433	ug/l	94
22) Diisopropyl ether	6.318	45	356803	89.934	ug/l	95
23) Vinyl Acetate	6.257	43	994646	428.418	ug/l	96
24) 1,1-Dichloroethane	6.220	63	245958	97.445	ug/l	100
25) 2-Butanone	7.177	43	165469	381.809	ug/l	91
26) 2,2-Dichloropropane	7.171	77	168539	94.103	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	173280	101.172	ug/l	95
28) Bromochloromethane	7.519	49	95323	89.247	ug/l	87
29) Tetrahydrofuran	7.537	42	96476	367.080	ug/l	93
30) Chloroform	7.677	83	275437	99.188	ug/l	99
31) Cyclohexane	7.958	56	221418	90.417	ug/l	96
32) 1,1,1-Trichloroethane	7.872	97	245922	104.883	ug/l	98
36) 1,1-Dichloropropene	8.086	75	211560	95.953	ug/l	99
37) Ethyl Acetate	7.257	43	70778	70.378	ug/l	98
38) Carbon Tetrachloride	8.073	117	239337	102.045	ug/l	94
39) Methylcyclohexane	9.335	83	277939	100.402	ug/l	95
40) Benzene	8.323	78	590583	93.945	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	42390	79.054	ug/l	89
42) 1,2-Dichloroethane	8.403	62	165710	86.896	ug/l	97
43) Isopropyl Acetate	8.427	43	142044	71.970	ug/l	93
44) Trichloroethene	9.098	130	186781	101.832	ug/l	93
45) 1,2-Dichloropropane	9.372	63	135393	93.518	ug/l	97
46) Dibromomethane	9.463	93	84871	92.526	ug/l	98
47) Bromodichloromethane	9.646	83	200708	92.485	ug/l	99
48) Methyl methacrylate	9.439	41	68000	77.450	ug/l	92
49) 1,4-Dioxane	9.470	88	19780	1496.517	ug/l #	79
51) 4-Methyl-2-Pentanone	10.213	43	366712	364.927	ug/l	97
52) Toluene	10.390	92	408732	101.146	ug/l	98
53) t-1,3-Dichloropropene	10.603	75	194709	90.363	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	226349	92.827	ug/l	90
55) 1,1,2-Trichloroethane	10.786	97	114748	93.309	ug/l	95
56) Ethyl methacrylate	10.646	69	137925	88.078	ug/l #	87
57) 1,3-Dichloropropane	10.933	76	187048	90.339	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	302383	383.692	ug/l	96
59) 2-Hexanone	10.969	43	256332	366.686	ug/l	94
60) Dibromochloromethane	11.128	129	153696	99.135	ug/l	99
61) 1,2-Dibromoethane	11.238	107	118717	97.297	ug/l	96
64) Tetrachloroethene	10.860	164	158926	93.610	ug/l	89
65) Chlorobenzene	11.658	112	461089	100.359	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	168135	98.422	ug/l	98
67) Ethyl Benzene	11.731	91	773890	95.984	ug/l	98
68) m/p-Xylenes	11.841	106	650598	199.596	ug/l	94
69) o-Xylene	12.164	106	310348	101.536	ug/l	94
70) Styrene	12.182	104	509783	99.304	ug/l	97
71) Bromoform	12.347	173	92098	93.268	ug/l #	97
73) Isopropylbenzene	12.463	105	823173	102.812	ug/l	100
74) N-amyl acetate	12.274	43	130945	68.662	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.713	83	120798	86.480	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	92807m	88.162	ug/l	
77) Bromobenzene	12.749	156	199505	102.587	ug/l	88
78) n-propylbenzene	12.804	91	937932	99.460	ug/l	99
79) 2-Chlorotoluene	12.890	91	527585	96.799	ug/l	94
80) 1,3,5-Trimethylbenzene	12.945	105	682098	99.344	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.512	75	34936	78.067	ug/l	96
82) 4-Chlorotoluene	12.987	91	546835	94.609	ug/l	92
83) tert-Butylbenzene	13.207	119	623699	101.634	ug/l	95
84) 1,2,4-Trimethylbenzene	13.249	105	660526	97.422	ug/l	94
85) sec-Butylbenzene	13.383	105	901415	102.071	ug/l	98
86) p-Isopropyltoluene	13.493	119	765039	100.486	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	390961	99.193	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	395441	99.842	ug/l	99
89) n-Butylbenzene	13.822	91	678132	99.199	ug/l	97
90) Hexachloroethane	14.091	117	131526	91.732	ug/l	90
91) 1,2-Dichlorobenzene	13.871	146	343731	99.268	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	19320	78.764	ug/l	92
93) 1,2,4-Trichlorobenzene	15.127	180	225873	91.543	ug/l	98
94) Hexachlorobutadiene	15.231	225	133368	95.313	ug/l	98
95) Naphthalene	15.365	128	403387	88.208	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	188667	86.714	ug/l	94

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

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