

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010422\
 Data File : VW021718.D
 Acq On : 03 Jan 2022 22:28
 Operator : SY/VA
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/04/2022
 Supervised By :Semsettin Yesilyurt 01/04/2022

Quant Time: Jan 04 05:51:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 04 05:50:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	95444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	164492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	153275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	71672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	6081	6.613	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	13.220%#		
35) Dibromofluoromethane	7.885	113	5572	5.463	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.920%#		
50) Toluene-d8	10.329	98	18945	4.962	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.920%#		
62) 4-Bromofluorobenzene	12.615	95	6898	4.851	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	9.700%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.020	85	541	3.335	ug/l	95
3) Chloromethane	2.221	50	4815	7.963	ug/l	98
4) Vinyl Chloride	2.367	62	7409	7.240	ug/l	99
5) Bromomethane	2.782	94	9013	11.423	ug/l	91
6) Chloroethane	2.916	64	4043	9.339	ug/l	90
7) Trichlorofluoromethane	3.263	101	5715	13.094	ug/l	93
8) Diethyl Ether	3.690	74	1998	4.756	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.068	101	4793	5.710	ug/l	93
10) Methyl Iodide	4.275	142	6898	5.538	ug/l	97
11) Tert butyl alcohol	5.220	59	1194m	16.573	ug/l	
12) 1,1-Dichloroethene	4.050	96	4555	5.565	ug/l	93
13) Acrolein	3.916	56	1367	71.410	ug/l	89
14) Allyl chloride	4.672	41	6615	5.542	ug/l	97
15) Acrylonitrile	5.391	53	4655	25.495	ug/l	96
16) Acetone	4.147	43	4494	24.615	ug/l	99
17) Carbon Disulfide	4.391	76	11784	5.201	ug/l #	93
18) Methyl Acetate	4.690	43	3909	5.852	ug/l	94
19) Methyl tert-butyl Ether	5.434	73	7621	5.337	ug/l	99
20) Methylene Chloride	4.928	84	12917	12.145	ug/l	91
21) trans-1,2-Dichloroethene	5.440	96	5508	5.830	ug/l	98
22) Diisopropyl ether	6.318	45	13562	5.503	ug/l #	92
23) Vinyl Acetate	6.263	43	30950	22.136	ug/l	99
24) 1,1-Dichloroethane	6.226	63	10271	6.510	ug/l	98
25) 2-Butanone	7.190	43	5574	21.420	ug/l	99
26) 2,2-Dichloropropane	7.165	77	6202	5.618	ug/l	96
27) cis-1,2-Dichloroethene	7.177	96	6282	5.939	ug/l	96
28) Bromochloromethane	7.525	49	4187	6.351	ug/l	96
29) Tetrahydrofuran	7.543	42	3615	23.086	ug/l	96
30) Chloroform	7.677	83	10599	6.100	ug/l	99
31) Cyclohexane	7.952	56	10848	7.166	ug/l #	82
32) 1,1,1-Trichloroethane	7.878	97	8839	6.019	ug/l	96
36) 1,1-Dichloropropene	8.086	75	7952	5.339	ug/l	99
37) Ethyl Acetate	7.275	43	2929m	4.504	ug/l	
38) Carbon Tetrachloride	8.074	117	7793	4.994	ug/l	97
39) Methylcyclohexane	9.335	83	9522	5.106	ug/l	94
40) Benzene	8.330	78	23959	5.636	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	1811m	5.245	ug/l	
42) 1,2-Dichloroethane	8.409	62	7529	5.814	ug/l	99
43) Isopropyl Acetate	8.427	43	5206	4.087	ug/l	96
44) Trichloroethene	9.098	130	6174	5.079	ug/l	96
45) 1,2-Dichloropropane	9.372	63	5573	5.690	ug/l	95
46) Dibromomethane	9.464	93	3117	5.039	ug/l	93
47) Bromodichloromethane	9.646	83	7413	5.072	ug/l	99
48) Methyl methacrylate	9.439	41	2286	3.935	ug/l	89
49) 1,4-Dioxane	9.476	88	644	77.297	ug/l #	73
51) 4-Methyl-2-Pentanone	10.213	43	12124	18.428	ug/l	97
52) Toluene	10.390	92	14086	5.118	ug/l	100
53) t-1,3-Dichloropropene	10.610	75	5695	3.980	ug/l #	87
54) cis-1,3-Dichloropropene	10.073	75	7273	4.457	ug/l	94
55) 1,1,2-Trichloroethane	10.786	97	3991	4.826	ug/l	96
56) Ethyl methacrylate	10.646	69	3836	3.706	ug/l #	88
57) 1,3-Dichloropropane	10.933	76	7055	5.055	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.927	63	10328	19.798	ug/l	98
59) 2-Hexanone	10.969	43	7618	16.685	ug/l	98
60) Dibromochloromethane	11.134	129	3964	3.853	ug/l	98
61) 1,2-Dibromoethane	11.238	107	3508	4.314	ug/l	98
64) Tetrachloroethene	10.860	164	4823	4.352	ug/l	95
65) Chlorobenzene	11.658	112	15038	4.884	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	4858	4.293	ug/l	97
67) Ethyl Benzene	11.731	91	26940	4.953	ug/l	94
68) m/p-Xylenes	11.841	106	20645	9.399	ug/l	99
69) o-Xylene	12.164	106	9555	4.645	ug/l	96
70) Styrene	12.183	104	15423	4.479	ug/l	98
71) Bromoform	12.347	173	1928	3.040	ug/l #	98
73) Isopropylbenzene	12.463	105	24652	4.987	ug/l	100
74) N-amyl acetate	12.274	43	3573	3.232	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.713	83	4374	5.158	ug/l	99
76) 1,2,3-Trichloropropane	12.774	75	2661m	4.148	ug/l	
77) Bromobenzene	12.749	156	5783	4.878	ug/l	91
78) n-propylbenzene	12.804	91	30406	5.216	ug/l	98
79) 2-Chlorotoluene	12.890	91	18084	5.381	ug/l	97
80) 1,3,5-Trimethylbenzene	12.945	105	21090	4.985	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.506	75	819	3.112	ug/l #	79
82) 4-Chlorotoluene	12.987	91	18461	5.173	ug/l	97
83) tert-Butylbenzene	13.207	119	18255	4.827	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	20761	4.985	ug/l	94
85) sec-Butylbenzene	13.384	105	27987	5.136	ug/l	98
86) p-Isopropyltoluene	13.493	119	22036	4.716	ug/l	94
87) 1,3-Dichlorobenzene	13.499	146	11793	4.897	ug/l	98
88) 1,4-Dichlorobenzene	13.573	146	12005	4.989	ug/l	90
89) n-Butylbenzene	13.822	91	22976	5.483	ug/l	93
90) Hexachloroethane	14.091	117	3499	4.057	ug/l	95
91) 1,2-Dichlorobenzene	13.865	146	10080	4.736	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.481	75	686	4.749	ug/l	89
93) 1,2,4-Trichlorobenzene	15.133	180	5993	4.140	ug/l	94
94) Hexachlorobutadiene	15.231	225	3158	3.854	ug/l	85
95) Naphthalene	15.359	128	8956	3.336	ug/l	96
96) 1,2,3-Trichlorobenzene	15.548	180	4944	3.885	ug/l	93

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

