

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020826.D
 Acq On : 10 Nov 2021 10:25
 Operator : SY/VA
 Sample : VSTDICC005
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

11/15/2021
 Supervised By : Mahesh
 Dadoda

Quant Time: Nov 11 01:37:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 01:36:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	88161	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.836	114	128639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	112731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	59586	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.299	65	3751	3.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	7.520%#
35) Dibromofluoromethane	7.878	113	3562	4.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	8.120%#
50) Toluene-d8	10.323	98	14289	4.280	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	8.560%#
62) 4-Bromofluorobenzene	12.615	95	5200	4.214	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	8.420%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	961	3.715	ug/l	88
3) Chloromethane	2.215	50	2742	4.442	ug/l	89
4) Vinyl Chloride	2.355	62	4303	5.523	ug/l	100
5) Bromomethane	2.770	94	3425	7.251	ug/l	96
6) Chloroethane	2.910	64	1844	5.708	ug/l	96
7) Trichlorofluoromethane	3.251	101	2727	6.236	ug/l	92
8) Diethyl Ether	3.678	74	1616	3.746	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.056	101	3813	4.304	ug/l	95
10) Methyl Iodide	4.269	142	4612	4.324	ug/l	97
11) Tert butyl alcohol	5.166	59	1217	21.417	ug/l #	84
12) 1,1-Dichloroethene	4.032	96	3589	4.315	ug/l	96
13) Acrolein	3.898	56	633	23.110	ug/l	93
14) Allyl chloride	4.660	41	5437	4.172	ug/l	98
15) Acrylonitrile	5.373	53	4291	19.924	ug/l	97
16) Acetone	4.117	43	5672	24.012	ug/l	97
17) Carbon Disulfide	4.379	76	9786	4.160	ug/l	98
18) Methyl Acetate	4.672	43	3334	4.505	ug/l	98
19) Methyl tert-butyl Ether	5.416	73	4807	3.518	ug/l	92
20) Methylene Chloride	4.916	84	5469	5.075	ug/l	95
21) trans-1,2-Dichloroethene	5.416	96	3934	4.278	ug/l	90
22) Diisopropyl ether	6.312	45	9646	3.614	ug/l	91
23) Vinyl Acetate	6.251	43	28375	18.609	ug/l	98
24) 1,1-Dichloroethane	6.214	63	6509	3.806	ug/l	95
25) 2-Butanone	7.171	43	6330	21.424	ug/l	98
26) 2,2-Dichloropropane	7.165	77	4439	4.073	ug/l	98
27) cis-1,2-Dichloroethene	7.165	96	4300	4.223	ug/l	92
28) Bromochloromethane	7.513	49	2761	3.852	ug/l #	89
29) Tetrahydrofuran	7.531	42	3689	20.356	ug/l	98
30) Chloroform	7.671	83	6862	3.863	ug/l	99
31) Cyclohexane	7.952	56	8421	5.040	ug/l #	76
32) 1,1,1-Trichloroethane	7.872	97	6087	4.178	ug/l	95
36) 1,1-Dichloropropene	8.080	75	5800	4.247	ug/l	97
37) Ethyl Acetate	7.257	43	2571	4.082	ug/l	98
38) Carbon Tetrachloride	8.061	117	5825	4.317	ug/l	98
39) Methylcyclohexane	9.336	83	8297	5.127	ug/l	94
40) Benzene	8.324	78	15635	4.048	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.476	41	1396	3.872	ug/l	#	85
42) 1,2-Dichloroethane	8.397	62	4348	3.640	ug/l		99
43) Isopropyl Acetate	8.421	43	4666	3.935	ug/l		100
44) Trichloroethene	9.092	130	4641	4.507	ug/l		92
45) 1,2-Dichloropropane	9.366	63	3362	3.661	ug/l		96
46) Dibromomethane	9.457	93	2066	4.026	ug/l		97
47) Bromodichloromethane	9.646	83	4929	3.840	ug/l		99
48) Methyl methacrylate	9.433	41	2268	4.039	ug/l		98
49) 1,4-Dioxane	9.451	88	541	81.038	ug/l	#	92
51) 4-Methyl-2-Pentanone	10.207	43	12212	19.456	ug/l		99
52) Toluene	10.384	92	10382	4.321	ug/l		98
53) t-1,3-Dichloropropene	10.604	75	5086	3.948	ug/l		98
54) cis-1,3-Dichloropropene	10.073	75	5813	3.959	ug/l		97
55) 1,1,2-Trichloroethane	10.787	97	2654	3.743	ug/l		93
56) Ethyl methacrylate	10.640	69	3684	4.067	ug/l		99
57) 1,3-Dichloropropane	10.933	76	4461	3.599	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.921	63	9302	21.633	ug/l		95
59) 2-Hexanone	10.963	43	9352	20.829	ug/l		98
60) Dibromochloromethane	11.128	129	3630	4.253	ug/l		97
61) 1,2-Dibromoethane	11.232	107	2807	4.102	ug/l		100
64) Tetrachloroethene	10.860	164	4154	4.810	ug/l	#	88
65) Chlorobenzene	11.652	112	10840	4.383	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.725	131	3760	4.225	ug/l		95
67) Ethyl Benzene	11.725	91	19938	4.487	ug/l		94
68) m/p-Xylenes	11.835	106	15696	9.115	ug/l		94
69) o-Xylene	12.164	106	7188	4.532	ug/l		94
70) Styrene	12.177	104	11616	4.232	ug/l		99
71) Bromoform	12.347	173	2228	4.351	ug/l	#	98
73) Isopropylbenzene	12.463	105	21043	4.854	ug/l		97
74) N-amyl acetate	12.268	43	4279	4.082	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.707	83	3359	4.153	ug/l		97
76) 1,2,3-Trichloropropane	12.762	75	2124m	3.372	ug/l		
77) Bromobenzene	12.750	156	4800	4.586	ug/l		91
78) n-propylbenzene	12.798	91	25681	4.803	ug/l		99
79) 2-Chlorotoluene	12.890	91	14147	4.606	ug/l		98
80) 1,3,5-Trimethylbenzene	12.939	105	17598	4.703	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.506	75	1120	4.304	ug/l		98
82) 4-Chlorotoluene	12.987	91	14203	4.395	ug/l		97
83) tert-Butylbenzene	13.201	119	17352	5.334	ug/l		96
84) 1,2,4-Trimethylbenzene	13.249	105	17073	4.612	ug/l		97
85) sec-Butylbenzene	13.378	105	24771	5.144	ug/l		94
86) p-Isopropyltoluene	13.493	119	20366	4.939	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	9917	4.672	ug/l		98
88) 1,4-Dichlorobenzene	13.579	146	9513	4.546	ug/l		91
89) n-Butylbenzene	13.823	91	19253	4.995	ug/l		98
90) Hexachloroethane	14.091	117	4019	5.457	ug/l		98
91) 1,2-Dichlorobenzene	13.865	146	8357	4.505	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	593	4.029	ug/l		83
93) 1,2,4-Trichlorobenzene	15.127	180	7249	5.544	ug/l		90
94) Hexachlorobutadiene	15.231	225	4191	5.061	ug/l		93
95) Naphthalene	15.359	128	12206	5.451	ug/l		99
96) 1,2,3-Trichlorobenzene	15.548	180	6031	5.327	ug/l		94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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