

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020833.D
 Acq On : 10 Nov 2021 14:50
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Nov 11 01:40:18 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	76028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	109408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	93566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	48191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	5945	6.903	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	13.800%#		
35) Dibromofluoromethane	7.891	113	5917	7.926	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	15.860%#		
50) Toluene-d8	10.323	98	23187	8.167	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	16.340%#		
62) 4-Bromofluorobenzene	12.615	95	8083	7.703	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	15.400%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	867	3.886	ug/l	89
3) Chloromethane	2.209	50	4010	7.533	ug/l	99
4) Vinyl Chloride	2.355	62	5916	8.805	ug/l	96
5) Bromomethane	2.770	94	4535	11.133	ug/l	94
6) Chloroethane	2.916	64	2211	7.936	ug/l	94
7) Trichlorofluoromethane	3.257	101	3292	8.729	ug/l	96
8) Diethyl Ether	3.684	74	2354	6.327	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.068	101	5318	6.961	ug/l	93
10) Methyl Iodide	4.275	142	7208	7.836	ug/l	97
11) Tert butyl alcohol	5.184	59	2143	43.731	ug/l #	95
12) 1,1-Dichloroethene	4.044	96	5362	7.475	ug/l	86
13) Acrolein	3.903	56	846	35.816	ug/l	98
14) Allyl chloride	4.672	41	7986	7.106	ug/l	98
15) Acrylonitrile	5.367	53	6964	37.495	ug/l	99
16) Acetone	4.129	43	6367	31.255	ug/l	100
17) Carbon Disulfide	4.385	76	14342	7.069	ug/l	98
18) Methyl Acetate	4.678	43	6186	9.692	ug/l	100
19) Methyl tert-butyl Ether	5.434	73	8456	7.177	ug/l	97
20) Methylene Chloride	4.909	84	7783	8.375	ug/l	97
21) trans-1,2-Dichloroethene	5.422	96	5707	7.196	ug/l	89
22) Diisopropyl ether	6.312	45	13588	5.903	ug/l	98
23) Vinyl Acetate	6.257	43	40172	30.551	ug/l	97
24) 1,1-Dichloroethane	6.220	63	9380	6.360	ug/l	97
25) 2-Butanone	7.177	43	8958	35.157	ug/l	97
26) 2,2-Dichloropropane	7.165	77	6649	7.075	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	5853	6.665	ug/l	95
28) Bromochloromethane	7.513	49	4678	7.569	ug/l #	89
29) Tetrahydrofuran	7.531	42	6264	40.081	ug/l	97
30) Chloroform	7.677	83	9410	6.144	ug/l	99
31) Cyclohexane	7.952	56	10798	7.494	ug/l #	87
32) 1,1,1-Trichloroethane	7.872	97	8933	7.109	ug/l	97
36) 1,1-Dichloropropene	8.086	75	7991	6.880	ug/l	96
37) Ethyl Acetate	7.263	43	4433	8.275	ug/l	96
38) Carbon Tetrachloride	8.067	117	8556	7.456	ug/l	99
39) Methylcyclohexane	9.335	83	10984	7.981	ug/l	94
40) Benzene	8.323	78	26434	8.046	ug/l	97

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41) Methacrylonitrile	7.482	41	2377	7.751	ug/l	91
42) 1,2-Dichloroethane	8.403	62	6680	6.575	ug/l	97
43) Isopropyl Acetate	8.421	43	7520	7.456	ug/l	99
44) Trichloroethene	9.092	130	6533	7.459	ug/l	99
45) 1,2-Dichloropropane	9.372	63	4683	5.996	ug/l	98
46) Dibromomethane	9.457	93	3055	7.000	ug/l	98
47) Bromodichloromethane	9.646	83	7204	6.600	ug/l	95
48) Methyl methacrylate	9.439	41	3554	7.441	ug/l	97
49) 1,4-Dioxane	9.457	88	976	171.895	ug/l #	76
51) 4-Methyl-2-Pentanone	10.207	43	20224	37.885	ug/l	100
52) Toluene	10.384	92	13776	6.742	ug/l	97
53) t-1,3-Dichloropropene	10.610	75	7087	6.468	ug/l	92
54) cis-1,3-Dichloropropene	10.073	75	7959	6.373	ug/l #	95
55) 1,1,2-Trichloroethane	10.786	97	4148	6.878	ug/l	89
56) Ethyl methacrylate	10.646	69	5443	7.065	ug/l	94
57) 1,3-Dichloropropane	10.933	76	6947	6.589	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	17382	47.530	ug/l	95
59) 2-Hexanone	10.969	43	14653	38.372	ug/l	99
60) Dibromochloromethane	11.128	129	4973	6.851	ug/l	99
61) 1,2-Dibromoethane	11.231	107	4291	7.373	ug/l	100
64) Tetrachloroethene	10.860	164	5729	7.992	ug/l	95
65) Chlorobenzene	11.652	112	14740	7.180	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.731	131	5376	7.278	ug/l	97
67) Ethyl Benzene	11.731	91	26629	7.220	ug/l	94
68) m/p-Xylenes	11.841	106	22001	15.393	ug/l	87
69) o-Xylene	12.164	106	9971	7.575	ug/l	92
70) Styrene	12.176	104	16071	7.054	ug/l	99
71) Bromoform	12.347	173	3413	8.030	ug/l #	98
73) Isopropylbenzene	12.463	105	26974	7.693	ug/l	95
74) N-amyl acetate	12.274	43	6288	7.416	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	5080	7.767	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	4231m	8.305	ug/l	
77) Bromobenzene	12.743	156	6380	7.537	ug/l	97
78) n-propylbenzene	12.804	91	33112	7.658	ug/l	98
79) 2-Chlorotoluene	12.890	91	18004	7.248	ug/l	94
80) 1,3,5-Trimethylbenzene	12.938	105	22417	7.408	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.512	75	1592	7.564	ug/l	98
82) 4-Chlorotoluene	12.987	91	18898	7.231	ug/l	98
83) tert-Butylbenzene	13.201	119	21990	8.358	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	22414	7.487	ug/l	99
85) sec-Butylbenzene	13.383	105	31218	8.015	ug/l	96
86) p-Isopropyltoluene	13.493	119	26215	7.861	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	13111	7.638	ug/l	96
88) 1,4-Dichlorobenzene	13.572	146	13289	7.852	ug/l	98
89) n-Butylbenzene	13.822	91	23956	7.684	ug/l	98
90) Hexachloroethane	14.091	117	4629	7.772	ug/l	96
91) 1,2-Dichlorobenzene	13.871	146	11834	7.888	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	1074	9.022	ug/l	93
93) 1,2,4-Trichlorobenzene	15.127	180	8243	7.794	ug/l	96
94) Hexachlorobutadiene	15.231	225	5462	8.156	ug/l	94
95) Naphthalene	15.359	128	17326	9.567	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	7479	8.168	ug/l	99

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

