

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062121\
 Data File : VW019248.D
 Acq On : 21 Jun 2021 14:38
 Operator : SY/VA
 Sample : VW0621SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0621SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/22/2021 6:11:20 PM

Quant Time: Jun 22 03:11:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 12:12:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	345373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	593974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	531146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	254625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	212959	50.830	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.660%	
35) Dibromofluoromethane	7.890	113	186749	49.362	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.720%	
50) Toluene-d8	10.323	98	773256	51.057	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.120%	
62) 4-Bromofluorobenzene	12.615	95	263487	49.744	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.480%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	50287	20.527	ug/l	98
3) Chloromethane	2.215	50	58440	20.174	ug/l	95
4) Vinyl Chloride	2.367	62	93675	21.141	ug/l	98
5) Bromomethane	2.788	94	78394	22.604	ug/l	95
6) Chloroethane	2.928	64	62773	21.329	ug/l	98
7) Trichlorofluoromethane	3.263	101	48745	19.402	ug/l	97
8) Diethyl Ether	3.684	74	38925	20.332	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.068	101	78895	21.733	ug/l	95
10) Methyl Iodide	4.275	142	102730	21.148	ug/l	98
11) Tert butyl alcohol	5.196	59	22179	102.561	ug/l	99
12) 1,1-Dichloroethene	4.044	96	80498	21.568	ug/l	82
13) Acrolein	3.897	56	22174	100.525	ug/l	97
14) Allyl chloride	4.671	41	105453	21.049	ug/l	99
15) Acrylonitrile	5.379	53	78482	100.064	ug/l	99
16) Acetone	4.141	43	65080	96.784	ug/l	93
17) Carbon Disulfide	4.391	76	229714	20.854	ug/l	99
18) Methyl Acetate	4.684	43	33195	19.405	ug/l	99
19) Methyl tert-butyl Ether	5.427	73	104576	20.669	ug/l	97
20) Methylene Chloride	4.921	84	106861	21.934	ug/l	94
21) trans-1,2-Dichloroethene	5.427	96	89196	21.473	ug/l	99
22) Diisopropyl ether	6.311	45	227741	20.925	ug/l	98
23) Vinyl Acetate	6.257	43	667134	100.988	ug/l	99
24) 1,1-Dichloroethane	6.220	63	162665	21.205	ug/l	100
25) 2-Butanone	7.177	43	96065	96.867	ug/l	99
26) 2,2-Dichloropropane	7.171	77	88232	20.997	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	95333	21.146	ug/l	96
28) Bromochloromethane	7.512	49	61418	20.227	ug/l	94
29) Tetrahydrofuran	7.537	42	61479	100.089	ug/l	95
30) Chloroform	7.677	83	162261	21.090	ug/l	96
31) Cyclohexane	7.957	56	149173	20.940	ug/l	96
32) 1,1,1-Trichloroethane	7.872	97	126775	21.879	ug/l	98
36) 1,1-Dichloropropene	8.085	75	131898	20.982	ug/l	98
37) Ethyl Acetate	7.256	43	44827	19.075	ug/l	99
38) Carbon Tetrachloride	8.067	117	115783	21.069	ug/l	97
39) Methylcyclohexane	9.335	83	156465	20.986	ug/l	99
40) Benzene	8.323	78	358408	20.812	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	25305	19.245	ug/l	92
42) 1,2-Dichloroethane	8.402	62	106057	20.727	ug/l	100
43) Isopropyl Acetate	8.427	43	86598	19.308	ug/l	100
44) Trichloroethene	9.091	130	89832	20.960	ug/l	93
45) 1,2-Dichloropropane	9.372	63	87234	20.640	ug/l	94
46) Dibromomethane	9.457	93	44857	20.204	ug/l	98
47) Bromodichloromethane	9.646	83	111593	19.884	ug/l	95
48) Methyl methacrylate	9.439	41	41108	20.364	ug/l	90
49) 1,4-Dioxane	9.469	88	11585	404.297	ug/l #	80
51) 4-Methyl-2-Pentanone	10.207	43	219008	96.383	ug/l	99
52) Toluene	10.390	92	227357	21.216	ug/l	99
53) t-1,3-Dichloropropene	10.609	75	109398	19.553	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	131467	20.157	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	60982	19.933	ug/l	97
56) Ethyl methacrylate	10.646	69	75893	19.586	ug/l	98
57) 1,3-Dichloropropane	10.933	76	110178	19.997	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	183873	101.207	ug/l	99
59) 2-Hexanone	10.969	43	145598	94.603	ug/l	99
60) Dibromochloromethane	11.128	129	65702	19.848	ug/l	99
61) 1,2-Dibromoethane	11.237	107	58229	20.332	ug/l	99
64) Tetrachloroethene	10.865	164	73100	21.650	ug/l	88
65) Chlorobenzene	11.658	112	229038	21.212	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	76766	20.793	ug/l	98
67) Ethyl Benzene	11.731	91	435806	21.379	ug/l	98
68) m/p-Xylenes	11.841	106	330970	43.491	ug/l	99
69) o-Xylene	12.170	106	151033	21.175	ug/l	97
70) Styrene	12.182	104	256340	21.313	ug/l	99
71) Bromoform	12.347	173	35135	19.623	ug/l #	97
73) Isopropylbenzene	12.463	105	413310	21.825	ug/l	100
74) N-amyl acetate	12.274	43	79276	19.766	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	71573	20.777	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	48267m	19.350	ug/l	
77) Bromobenzene	12.749	156	86862	21.308	ug/l	94
78) n-propylbenzene	12.804	91	515061	21.572	ug/l	100
79) 2-Chlorotoluene	12.896	91	296429	21.718	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	354402	22.072	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.512	75	18966	18.445	ug/l	92
82) 4-Chlorotoluene	12.987	91	311058	21.805	ug/l	99
83) tert-Butylbenzene	13.207	119	291581	21.509	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	353215	22.158	ug/l	99
85) sec-Butylbenzene	13.383	105	467387	22.166	ug/l	98
86) p-Isopropyltoluene	13.499	119	384527	22.412	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	185314	21.485	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	187805	22.031	ug/l	97
89) n-Butylbenzene	13.822	91	382449	22.161	ug/l	100
90) Hexachloroethane	14.091	117	64534	20.751	ug/l	93
91) 1,2-Dichlorobenzene	13.871	146	159971	21.265	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.487	75	10621	19.319	ug/l	93
93) 1,2,4-Trichlorobenzene	15.133	180	105102	21.891	ug/l	96
94) Hexachlorobutadiene	15.237	225	58423	20.636	ug/l	90
95) Naphthalene	15.365	128	175436	20.034	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	84981	20.478	ug/l	96

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

