

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031421\
 Data File : VW018324.D
 Acq On : 12 Mar 2021 18:25
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
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MMDadoda
 3/15/2021 12:40:24 PM

Quant Time: Mar 13 04:33:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031421S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 13 04:29:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	120926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	208837	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	178399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	89940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	32850	31.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.86%	
35) Dibromofluoromethane	7.884	113	29627	22.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.76%	
50) Toluene-d8	10.329	98	111094	22.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.46%	
62) 4-Bromofluorobenzene	12.615	95	40341	22.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.12%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.013	85	24758	28.42	ug/l	96
3) Chloromethane	2.220	50	19069	24.70	ug/l	93
4) Vinyl Chloride	2.367	62	30160	26.65	ug/l	96
5) Bromomethane	2.781	94	22246	27.73	ug/l	99
6) Chloroethane	2.928	64	17387	26.36	ug/l	96
7) Trichlorofluoromethane	3.263	101	27882	32.98	ug/l	98
8) Diethyl Ether	3.684	74	13304	24.17	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.068	101	31894	28.22	ug/l	98
10) Methyl Iodide	4.281	142	41272	23.52	ug/l	99
11) Tert butyl alcohol	5.165	59	6755	140.63	ug/l #	90
12) 1,1-Dichloroethene	4.049	96	29542	25.84	ug/l	98
13) Acrolein	3.903	56	9456	135.32	ug/l	97
14) Allyl chloride	4.677	41	32699	23.55	ug/l	99
15) Acrylonitrile	5.366	53	28775	135.71	ug/l	99
16) Acetone	4.123	43	22099	136.47	ug/l	96
17) Carbon Disulfide	4.391	76	79994	25.53	ug/l	98
18) Methyl Acetate	4.665	43	11089	25.32	ug/l	100
19) Methyl tert-butyl Ether	5.427	73	34963	28.42	ug/l	97
20) Methylene Chloride	4.921	84	36209	27.31	ug/l	96
21) trans-1,2-Dichloroethene	5.433	96	31231	24.44	ug/l	98
22) Diisopropyl ether	6.317	45	67678	24.28	ug/l	94
23) Vinyl Acetate	6.256	43	209710	126.16	ug/l	97
24) 1,1-Dichloroethane	6.226	63	51764	25.83	ug/l	99
25) 2-Butanone	7.177	43	32453	131.39	ug/l	93
26) 2,2-Dichloropropane	7.165	77	32702	29.14	ug/l	97
27) cis-1,2-Dichloroethene	7.171	96	33952	24.52	ug/l	97
28) Bromochloromethane	7.512	49	19262	25.23	ug/l	100
29) Tetrahydrofuran	7.530	42	21073	129.88	ug/l	99
30) Chloroform	7.677	83	58078	26.96	ug/l	99
31) Cyclohexane	7.957	56	47038	25.14	ug/l	97
32) 1,1,1-Trichloroethane	7.878	97	50511	28.78	ug/l	100
36) 1,1-Dichloropropene	8.085	75	46770	23.14	ug/l	99
37) Ethyl Acetate	7.256	43	15240	22.14	ug/l	99
38) Carbon Tetrachloride	8.073	117	48992	24.02	ug/l #	96
39) Methylcyclohexane	9.335	83	57130	22.24	ug/l	96
40) Benzene	8.323	78	120302	21.45	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	7622	19.08	ug/l	88
42) 1,2-Dichloroethane	8.402	62	39787	25.86	ug/l	98
43) Isopropyl Acetate	8.427	43	27918	21.81	ug/l	100
44) Trichloroethene	9.097	130	34599	20.39	ug/l	92
45) 1,2-Dichloropropane	9.372	63	27390	21.11	ug/l	95
46) Dibromomethane	9.457	93	17347	23.71	ug/l	99
47) Bromodichloromethane	9.646	83	42587	22.81	ug/l	99
48) Methyl methacrylate	9.439	41	13475	20.85	ug/l	98
49) 1,4-Dioxane	9.445	88	4500	472.48	ug/l	99
51) 4-Methyl-2-Pentanone	10.207	43	73943	113.51	ug/l	99
52) Toluene	10.390	92	79615	21.47	ug/l	99
53) t-1,3-Dichloropropene	10.609	75	38181	21.66	ug/l	94
54) cis-1,3-Dichloropropene	10.073	75	45432	21.29	ug/l	95
55) 1,1,2-Trichloroethane	10.786	97	23379	22.32	ug/l	97
56) Ethyl methacrylate	10.646	69	26057	21.86	ug/l	99
57) 1,3-Dichloropropane	10.932	76	39107	22.19	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.926	63	66236	107.34	ug/l	99
59) 2-Hexanone	10.969	43	50128	114.02	ug/l	97
60) Dibromochloromethane	11.127	129	26500	20.05	ug/l	96
61) 1,2-Dibromoethane	11.237	107	22642	21.81	ug/l	100
64) Tetrachloroethene	10.865	164	27293	20.49	ug/l	91
65) Chlorobenzene	11.658	112	84549	22.01	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	29011	21.46	ug/l	99
67) Ethyl Benzene	11.731	91	156924	23.35	ug/l	98
68) m/p-Xylenes	11.841	106	117563	45.14	ug/l	99
69) o-Xylene	12.164	106	52169	21.56	ug/l	97
70) Styrene	12.182	104	91323	22.52	ug/l	98
71) Bromoform	12.347	173	12498	17.52	ug/l #	90
73) Isopropylbenzene	12.463	105	157382	23.75	ug/l	98
74) N-amyl acetate	12.274	43	25460	23.41	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.712	83	25829	24.30	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	17815m	22.06	ug/l	
77) Bromobenzene	12.749	156	31979	20.26	ug/l	98
78) n-propylbenzene	12.804	91	178486	23.27	ug/l	98
79) 2-Chlorotoluene	12.889	91	106980	24.28	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	134021	23.87	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.511	75	6670	21.19	ug/l	96
82) 4-Chlorotoluene	12.987	91	110969	23.89	ug/l	100
83) tert-Butylbenzene	13.206	119	113196	23.06	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	131320	23.40	ug/l	97
85) sec-Butylbenzene	13.383	105	158794	23.88	ug/l	99
86) p-Isopropyltoluene	13.493	119	147610	23.56	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	66133	21.36	ug/l	96
88) 1,4-Dichlorobenzene	13.578	146	65531	21.42	ug/l	98
89) n-Butylbenzene	13.822	91	141370	24.75	ug/l	99
90) Hexachloroethane	14.090	117	24342	22.55	ug/l	89
91) 1,2-Dichlorobenzene	13.865	146	58112	21.49	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.487	75	4731	28.01	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	40611	19.84	ug/l	92
94) Hexachlorobutadiene	15.230	225	23580	18.50	ug/l	88
95) Naphthalene	15.364	128	78904	22.99	ug/l	99
96) 1,2,3-Trichlorobenzene	15.553	180	36353	20.82	ug/l	98

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

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