

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
 Data File : VW019027.D
 Acq On : 18 May 2021 19:54
 Operator : SY/VA
 Sample : VW0519SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0519SBS01

Manual Integrations
 APPROVED

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 5/20/2021 5:58:58 PM

Quant Time: May 19 09:28:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 09:25:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	378661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	632476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	582950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	289329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	238828	56.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.72%	
35) Dibromofluoromethane	7.884	113	211079	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
50) Toluene-d8	10.323	98	851302	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.621	95	298146	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	51358	20.15	ug/l	99
3) Chloromethane	2.215	50	57610	20.37	ug/l	100
4) Vinyl Chloride	2.367	62	88648	21.33	ug/l	100
5) Bromomethane	2.776	94	72520	20.82	ug/l	97
6) Chloroethane	2.922	64	58436	20.47	ug/l	96
7) Trichlorofluoromethane	3.257	101	40709	17.81	ug/l	96
8) Diethyl Ether	3.684	74	43229	21.74	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.062	101	74625	20.18	ug/l	99
10) Methyl Iodide	4.275	142	114429	21.09	ug/l	99
11) Tert butyl alcohol	5.178	59	26487	127.29	ug/l	97
12) 1,1-Dichloroethene	4.044	96	79304	21.03	ug/l	93
13) Acrolein	3.897	56	28851	113.11	ug/l	100
14) Allyl chloride	4.665	41	100029	20.39	ug/l	99
15) Acrylonitrile	5.373	53	82031	110.01	ug/l	100
16) Acetone	4.123	43	65928	108.57	ug/l	98
17) Carbon Disulfide	4.391	76	211053	20.48	ug/l	100
18) Methyl Acetate	4.678	43	41873	23.43	ug/l	99
19) Methyl tert-butyl Ether	5.427	73	106078	22.40	ug/l	98
20) Methylene Chloride	4.921	84	110046	21.93	ug/l	96
21) trans-1,2-Dichloroethene	5.427	96	93549	21.71	ug/l	98
22) Diisopropyl ether	6.311	45	217882	21.83	ug/l	98
23) Vinyl Acetate	6.257	43	721356	107.41	ug/l	100
24) 1,1-Dichloroethane	6.214	63	166210	21.50	ug/l	98
25) 2-Butanone	7.171	43	112645	112.93	ug/l	98
26) 2,2-Dichloropropane	7.165	77	82471	19.80	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	103997	21.75	ug/l	99
28) Bromochloromethane	7.512	49	67490	21.46	ug/l	99
29) Tetrahydrofuran	7.531	42	64703	110.92	ug/l	98
30) Chloroform	7.677	83	172803	21.99	ug/l	96
31) Cyclohexane	7.958	56	130518	20.19	ug/l	95
32) 1,1,1-Trichloroethane	7.872	97	122983	21.08	ug/l	98
36) 1,1-Dichloropropene	8.079	75	132287	21.00	ug/l	99
37) Ethyl Acetate	7.250	43	52892	21.71	ug/l	99
38) Carbon Tetrachloride	8.067	117	114400	20.61	ug/l	94
39) Methylcyclohexane	9.335	83	142143	20.40	ug/l	97
40) Benzene	8.323	78	383288	21.77	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	30777	23.13	ug/l	91
42) 1,2-Dichloroethane	8.403	62	114104	21.86	ug/l	99
43) Isopropyl Acetate	8.427	43	102408	22.54	ug/l	99
44) Trichloroethene	9.091	130	97725	21.53	ug/l	96
45) 1,2-Dichloropropane	9.366	63	92606	21.74	ug/l	100
46) Dibromomethane	9.457	93	49955	21.60	ug/l	98
47) Bromodichloromethane	9.646	83	123186	21.43	ug/l	97
48) Methyl methacrylate	9.439	41	46395	22.23	ug/l	99
49) 1,4-Dioxane	9.451	88	11751	445.83	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	263023	111.71	ug/l	100
52) Toluene	10.390	92	237299	21.26	ug/l	99
53) t-1,3-Dichloropropene	10.609	75	118734	21.00	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	140810	20.91	ug/l	100
55) 1,1,2-Trichloroethane	10.786	97	69786	21.84	ug/l	97
56) Ethyl methacrylate	10.646	69	87000	21.68	ug/l	99
57) 1,3-Dichloropropane	10.933	76	125897	22.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	231795	111.66	ug/l	99
59) 2-Hexanone	10.969	43	175108	111.90	ug/l	99
60) Dibromochloromethane	11.128	129	77559	21.69	ug/l	99
61) 1,2-Dibromoethane	11.237	107	67372	21.92	ug/l	98
64) Tetrachloroethene	10.866	164	79319	20.94	ug/l	87
65) Chlorobenzene	11.658	112	254762	21.48	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	86639	21.41	ug/l	99
67) Ethyl Benzene	11.731	91	467890	21.33	ug/l	99
68) m/p-Xylenes	11.841	106	348942	42.34	ug/l	100
69) o-Xylene	12.164	106	162416	21.13	ug/l	100
70) Styrene	12.182	104	279647	21.44	ug/l	99
71) Bromoform	12.347	173	41225	20.29	ug/l #	99
73) Isopropylbenzene	12.463	105	440608	20.77	ug/l	100
74) N-amyl acetate	12.274	43	93318	21.33	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	83187	21.92	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	53987m	19.76	ug/l	
77) Bromobenzene	12.743	156	102908	22.01	ug/l	99
78) n-propylbenzene	12.804	91	536320	20.68	ug/l	99
79) 2-Chlorotoluene	12.890	91	309803	20.97	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	376463	20.91	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	22520	20.09	ug/l	95
82) 4-Chlorotoluene	12.987	91	329286	21.00	ug/l	99
83) tert-Butylbenzene	13.207	119	316800	20.88	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	381004	21.32	ug/l	100
85) sec-Butylbenzene	13.383	105	472729	21.01	ug/l	99
86) p-Isopropyltoluene	13.493	119	403090	20.68	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	205542	21.53	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	198571	21.10	ug/l	99
89) n-Butylbenzene	13.822	91	391208	20.41	ug/l	99
90) Hexachloroethane	14.091	117	62419	20.43	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	176783	20.93	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	13057	21.55	ug/l	97
93) 1,2,4-Trichlorobenzene	15.127	180	122853	21.72	ug/l	98
94) Hexachlorobutadiene	15.231	225	68164	20.87	ug/l	95
95) Naphthalene	15.365	128	224629	21.80	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	105054	21.46	ug/l	99

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

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