

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052119\
 Data File : VW010481.D
 Acq On : 21 May 2019 12:25
 Operator : SY/VA
 Sample : VW0521SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0521SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/22/2019 11:55:09 AM

Quant Time: May 22 06:57:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	146196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	258588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	230797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	81290	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
35) Dibromofluoromethane	7.88	113	83861	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
50) Toluene-d8	10.32	98	322290	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.62	95	123363	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	21747	16.510	ug/l 99
3) Chloromethane	2.21	50	26447	17.218	ug/l 99
4) Vinyl Chloride	2.36	62	29999	16.861	ug/l 100
5) Bromomethane	2.75	94	22508	18.389	ug/l 100
6) Chloroethane	2.90	64	20216	17.700	ug/l 97
7) Trichlorofluoromethane	3.25	101	52098	19.833	ug/l 95
8) Diethyl Ether	3.68	74	16727	20.088	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	33236	20.545	ug/l 100
10) Methyl Iodide	4.26	142	31439	17.003	ug/l 99
11) Tert butyl alcohol	5.18	59	11327	83.451	ug/l 97
12) 1,1-Dichloroethene	4.03	96	30788	19.938	ug/l 96
13) Acrolein	3.90	56	10500	121.271	ug/l 98
14) Allyl chloride	4.67	41	43827	19.607	ug/l 99
15) Acrylonitrile	5.37	53	32331	92.712	ug/l 100
16) Acetone	4.13	43	25689	83.401	ug/l 96
17) Carbon Disulfide	4.38	76	85912	18.652	ug/l 100
18) Methyl Acetate	4.67	43	14890	19.766	ug/l 99
19) Methyl tert-butyl Ether	5.42	73	78732	19.999	ug/l 99
20) Methylene Chloride	4.92	84	32177	14.170	ug/l 97
21) trans-1,2-Dichloroethene	5.42	96	35399	19.985	ug/l 97
22) Diisopropyl ether	6.31	45	91052	19.866	ug/l 98
23) Vinyl Acetate	6.26	43	268665	98.132	ug/l 99
24) 1,1-Dichloroethane	6.21	63	56565	20.681	ug/l 99
25) 2-Butanone	7.17	43	41412	93.947	ug/l 97
26) 2,2-Dichloropropane	7.17	77	53328	20.469	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	39409	20.465	ug/l 99
28) Bromochloromethane	7.51	49	20775	21.215	ug/l 99
29) Tetrahydrofuran	7.53	42	27138	90.981	ug/l 99
30) Chloroform	7.68	83	61156	20.730	ug/l 99
31) Cyclohexane	7.95	56	55638	19.420	ug/l 95
32) 1,1,1-Trichloroethane	7.87	97	57484	20.386	ug/l 98
36) 1,1-Dichloropropene	8.08	75	47982	19.919	ug/l 99
37) Ethyl Acetate	7.26	43	18835	18.387	ug/l 98
38) Carbon Tetrachloride	8.07	117	51435	19.794	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	63894	19.798	ug/l	98
40) Benzene	8.32	78	134992	20.162	ug/l	99
41) Methacrylonitrile	7.48	41	12033	19.770	ug/l	93
42) 1,2-Dichloroethane	8.40	62	38388	20.061	ug/l	99
43) Isopropyl Acetate	8.43	43	38431	18.779	ug/l	99
44) Trichloroethene	9.09	130	39731	19.988	ug/l	99
45) 1,2-Dichloropropane	9.37	63	32212	20.257	ug/l	97
46) Dibromomethane	9.46	93	18467	19.858	ug/l	98
47) Bromodichloromethane	9.65	83	47005	20.114	ug/l	99
48) Methyl methacrylate	9.44	41	18317	19.565	ug/l	95
49) 1,4-Dioxane	9.45	88	4964	326.769	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	95181	91.786	ug/l	100
52) Toluene	10.39	92	91273	20.299	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	46083	19.471	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	54113	20.020	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	26895	20.112	ug/l	92
56) Ethyl methacrylate	10.65	69	34799	18.868	ug/l	99
57) 1,3-Dichloropropane	10.93	76	44799	19.999	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	81741	100.063	ug/l	99
59) 2-Hexanone	10.97	43	65397	88.406	ug/l	99
60) Dibromochloromethane	11.13	129	32604	19.265	ug/l	99
61) 1,2-Dibromoethane	11.24	107	26621	19.652	ug/l	99
64) Tetrachloroethene	10.86	164	31718	19.714	ug/l	99
65) Chlorobenzene	11.66	112	98653	20.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	35664	20.240	ug/l	99
67) Ethyl Benzene	11.73	91	174075	20.045	ug/l	100
68) m/p-Xylenes	11.84	106	136455	40.060	ug/l	100
69) o-Xylene	12.16	106	65240	20.215	ug/l	100
70) Styrene	12.18	104	110445	20.170	ug/l	100
71) Bromoform	12.35	173	17624	18.163	ug/l #	100
73) Isopropylbenzene	12.46	105	175060	20.352	ug/l	100
74) N-amyl acetate	12.27	43	35360	17.939	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	29988	19.168	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	21008m	19.093	ug/l	
77) Bromobenzene	12.75	156	39129	20.328	ug/l	98
78) n-propylbenzene	12.80	91	202639	20.215	ug/l	100
79) 2-Chlorotoluene	12.89	91	117941	20.289	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	148142	20.335	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	9546	18.107	ug/l	96
82) 4-Chlorotoluene	12.99	91	122879	20.365	ug/l	99
83) tert-Butylbenzene	13.21	119	128331	20.167	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	146224	20.153	ug/l	100
85) sec-Butylbenzene	13.38	105	176430	19.812	ug/l	99
86) p-Isopropyltoluene	13.50	119	159263	19.759	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	75424	19.972	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	75134	19.830	ug/l	98
89) n-Butylbenzene	13.83	91	150418	19.619	ug/l	100
90) Hexachloroethane	14.10	117	31040	19.895	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	68569	19.927	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4953	17.026	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	42830	18.294	ug/l	97
94) Hexachlorobutadiene	15.24	225	23215	18.561	ug/l	100
95) Naphthalene	15.37	128	87785	17.863	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	37282	18.507	ug/l	99

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

