

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021819\
 Data File : VW008723.D
 Acq On : 18 Feb 2019 12:52
 Operator : SY/VA
 Sample : VW0218SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0218SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/19/2019 11:12:38 AM

Quant Time: Feb 19 03:41:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	360793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	535308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	468852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	247663	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	188078	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	7.88	113	175450	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
50) Toluene-d8	10.32	98	673016	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.62	95	244147	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	54372	23.529	ug/l	94
3) Chloromethane	2.21	50	64091	19.239	ug/l	95
4) Vinyl Chloride	2.36	62	87985	20.107	ug/l	97
5) Bromomethane	2.78	94	70643	20.402	ug/l	97
6) Chloroethane	2.92	64	66172	20.323	ug/l	95
7) Trichlorofluoromethane	3.25	101	65015	19.076	ug/l	95
8) Diethyl Ether	3.67	74	40994	20.156	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	78370	21.759	ug/l	95
10) Methyl Iodide	4.26	142	121752	21.658	ug/l	99
11) Tert butyl alcohol	5.18	59	28038	93.426	ug/l	95
12) 1,1-Dichloroethene	4.03	96	76363	21.680	ug/l	96
13) Acrolein	3.89	56	28079	90.811	ug/l	96
14) Allyl chloride	4.65	41	124940	21.350	ug/l	99
15) Acrylonitrile	5.36	53	81667	95.399	ug/l	98
16) Acetone	4.11	43	81780	95.812	ug/l	98
17) Carbon Disulfide	4.37	76	228612	21.507	ug/l	98
18) Methyl Acetate	4.67	43	35623	18.264	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	121077	19.581	ug/l	95
20) Methylene Chloride	4.90	84	83433	17.480	ug/l	90
21) trans-1,2-Dichloroethene	5.41	96	83061	21.533	ug/l	94
22) Diisopropyl ether	6.31	45	239958	20.373	ug/l	99
23) Vinyl Acetate	6.25	43	732184	95.782	ug/l	100
24) 1,1-Dichloroethane	6.21	63	144971	21.330	ug/l	99
25) 2-Butanone	7.17	43	109681	91.002	ug/l	97
26) 2,2-Dichloropropane	7.16	77	98380	23.171	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	86812	20.813	ug/l	97
28) Bromochloromethane	7.51	49	58040	20.229	ug/l	98
29) Tetrahydrofuran	7.52	42	69644	87.668	ug/l	97
30) Chloroform	7.67	83	147004	21.586	ug/l	94
31) Cyclohexane	7.95	56	145161	21.161	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	129802	22.568	ug/l	98
36) 1,1-Dichloropropene	8.07	75	122562	22.789	ug/l	99
37) Ethyl Acetate	7.24	43	49824	19.205	ug/l	99
38) Carbon Tetrachloride	8.06	117	123152	23.028	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	150490	22.123	ug/l	99
40) Benzene	8.32	78	326722	22.244	ug/l	98
41) Methacrylonitrile	7.48	41	26264	17.993	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	98799	21.685	ug/l	98
43) Isopropyl Acetate	8.42	43	95898	18.538	ug/l	96
44) Trichloroethene	9.09	130	91453	22.456	ug/l	94
45) 1,2-Dichloropropane	9.37	63	78526	21.602	ug/l	95
46) Dibromomethane	9.46	93	40762	20.356	ug/l	95
47) Bromodichloromethane	9.64	83	105108	21.841	ug/l	95
48) Methyl methacrylate	9.43	41	47547	19.833	ug/l	96
49) 1,4-Dioxane	9.45	88	13476	421.609	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	241726	90.965	ug/l	99
52) Toluene	10.38	92	207725	21.922	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	103310	20.435	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	120083	20.953	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	55476	20.191	ug/l	97
56) Ethyl methacrylate	10.65	69	68460	18.765	ug/l	100
57) 1,3-Dichloropropane	10.93	76	99425	20.395	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	183747	104.989	ug/l	98
59) 2-Hexanone	10.97	43	168668	90.352	ug/l	98
60) Dibromochloromethane	11.13	129	68528	20.845	ug/l	100
61) 1,2-Dibromoethane	11.24	107	55557	20.537	ug/l	99
64) Tetrachloroethene	10.86	164	78598	22.543	ug/l	97
65) Chlorobenzene	11.66	112	226818	22.445	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	80364	22.449	ug/l	99
67) Ethyl Benzene	11.73	91	400894	22.271	ug/l	96
68) m/p-Xylenes	11.84	106	312265	44.584	ug/l	98
69) o-Xylene	12.16	106	145481	21.974	ug/l	99
70) Styrene	12.18	104	229763	21.248	ug/l	99
71) Bromoform	12.35	173	40595	21.046	ug/l #	99
73) Isopropylbenzene	12.46	105	408467	22.142	ug/l	99
74) N-amyl acetate	12.27	43	92715	18.585	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	64849	20.204	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	47681m	19.497	ug/l	
77) Bromobenzene	12.75	156	93632	22.080	ug/l	96
78) n-propylbenzene	12.80	91	492454	22.467	ug/l	99
79) 2-Chlorotoluene	12.90	91	271569	21.922	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	344295	22.469	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	18070	17.990	ug/l	91
82) 4-Chlorotoluene	12.99	91	283380	21.585	ug/l	99
83) tert-Butylbenzene	13.21	119	299883	22.539	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	345777	21.955	ug/l	99
85) sec-Butylbenzene	13.39	105	433177	22.359	ug/l	100
86) p-Isopropyltoluene	13.50	119	382455	22.067	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	189667	22.063	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	187306	22.108	ug/l	99
89) n-Butylbenzene	13.83	91	367541	22.316	ug/l	99
90) Hexachloroethane	14.10	117	70190	23.181	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	166596	21.873	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10801	19.365	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	121101	22.336	ug/l	100
94) Hexachlorobutadiene	15.24	225	76644	24.286	ug/l	98
95) Naphthalene	15.37	128	196677	20.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	102229	21.973	ug/l	99

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

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