

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011350.D
 Acq On : 18 Jul 2019 23:50
 Operator : SY/VA
 Sample : VW0718SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0718SBS02

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 9:51:25 AM

Quant Time: Jul 19 08:06:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	174432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	297356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133128	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	114268	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	7.88	113	88532	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	10.32	98	355518	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.62	95	132261	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	29017	22.305	ug/l	97
3) Chloromethane	2.21	50	39641	23.648	ug/l	98
4) Vinyl Chloride	2.35	62	45944	20.940	ug/l	99
5) Bromomethane	2.76	94	23477	21.294	ug/l	99
6) Chloroethane	2.91	64	24592	20.809	ug/l	99
7) Trichlorofluoromethane	3.24	101	13246	16.994	ug/l	97
8) Diethyl Ether	3.67	74	24679	22.883	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38629	20.691	ug/l	99
10) Methyl Iodide	4.26	142	56030	21.820	ug/l	99
11) Tert butyl alcohol	5.16	59	24072	148.342	ug/l	95
12) 1,1-Dichloroethene	4.03	96	40246	20.769	ug/l	94
13) Acrolein	3.89	56	9388	72.653	ug/l	93
14) Allyl chloride	4.66	41	70418	19.928	ug/l	97
15) Acrylonitrile	5.36	53	65153	118.621	ug/l	99
16) Acetone	4.12	43	63035	119.526	ug/l	97
17) Carbon Disulfide	4.38	76	111849	19.039	ug/l	99
18) Methyl Acetate	4.67	43	49528	32.531	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	68952	23.451	ug/l	96
20) Methylene Chloride	4.92	84	56434	27.126	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	44034	21.869	ug/l	95
22) Diisopropyl ether	6.31	45	174828	23.003	ug/l	100
23) Vinyl Acetate	6.25	43	491067	104.405	ug/l	99
24) 1,1-Dichloroethane	6.21	63	89898	22.526	ug/l	99
25) 2-Butanone	7.16	43	104367	126.072	ug/l	97
26) 2,2-Dichloropropane	7.16	77	44197	21.305	ug/l	96
27) cis-1,2-Dichloroethene	7.16	96	49316	22.705	ug/l	97
28) Bromochloromethane	7.51	49	40650	22.401	ug/l #	99
29) Tetrahydrofuran	7.52	42	66885	123.218	ug/l	98
30) Chloroform	7.67	83	83231	22.519	ug/l	98
31) Cyclohexane	7.95	56	85995	20.254	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	59552	21.181	ug/l	100
36) 1,1-Dichloropropene	8.08	75	63966	20.200	ug/l	98
37) Ethyl Acetate	7.25	43	44657	23.472	ug/l	99
38) Carbon Tetrachloride	8.07	117	53869	20.068	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	75198	19.593	ug/l	98
40) Benzene	8.32	78	191420	21.874	ug/l	98
41) Methacrylonitrile	7.48	41	24438	22.459	ug/l	98
42) 1,2-Dichloroethane	8.40	62	63584	22.398	ug/l	100
43) Isopropyl Acetate	8.42	43	81647	22.730	ug/l	100
44) Trichloroethene	9.09	130	44937	21.339	ug/l	99
45) 1,2-Dichloropropane	9.37	63	52892	22.319	ug/l	97
46) Dibromomethane	9.46	93	24983	22.442	ug/l	99
47) Bromodichloromethane	9.64	83	60855	21.365	ug/l	100
48) Methyl methacrylate	9.43	41	38665	22.374	ug/l	96
49) 1,4-Dioxane	9.45	88	9214	495.874	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	224172	119.471	ug/l	100
52) Toluene	10.38	92	115633	21.782	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	61645	20.332	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	72696	20.371	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35905	22.735	ug/l	96
56) Ethyl methacrylate	10.65	69	53897	22.416	ug/l	99
57) 1,3-Dichloropropane	10.93	76	67855	22.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	105738	94.860	ug/l	100
59) 2-Hexanone	10.97	43	150339	115.533	ug/l	99
60) Dibromochloromethane	11.13	129	37025	21.380	ug/l	99
61) 1,2-Dibromoethane	11.23	107	33956	22.699	ug/l	100
64) Tetrachloroethene	10.86	164	41582	22.914	ug/l	96
65) Chlorobenzene	11.66	112	118225	21.623	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	41604	21.611	ug/l	99
67) Ethyl Benzene	11.73	91	219076	20.930	ug/l	98
68) m/p-Xylenes	11.84	106	160025	42.252	ug/l	100
69) o-Xylene	12.16	106	74869	20.974	ug/l	99
70) Styrene	12.18	104	133651	21.694	ug/l	99
71) Bromoform	12.35	173	21126	20.640	ug/l	# 99
73) Isopropylbenzene	12.46	105	204872	20.586	ug/l	100
74) N-amyl acetate	12.27	43	73149	21.105	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	44655	21.890	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	31541m	20.502	ug/l	
77) Bromobenzene	12.74	156	48503	21.717	ug/l	98
78) n-propylbenzene	12.80	91	251621	20.525	ug/l	100
79) 2-Chlorotoluene	12.89	91	146975	20.834	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	177896	21.041	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12371	18.188	ug/l	99
82) 4-Chlorotoluene	12.99	91	156423	21.288	ug/l	100
83) tert-Butylbenzene	13.21	119	145286	20.605	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	178248	20.997	ug/l	100
85) sec-Butylbenzene	13.38	105	209804	20.621	ug/l	100
86) p-Isopropyltoluene	13.50	119	186509	20.438	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	93402	21.737	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	92909	21.472	ug/l	98
89) n-Butylbenzene	13.82	91	183258	20.131	ug/l	99
90) Hexachloroethane	14.10	117	32767	19.650	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	84595	21.701	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7386	20.412	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	57347	21.358	ug/l	99
94) Hexachlorobutadiene	15.24	225	34909	21.177	ug/l	98
95) Naphthalene	15.37	128	113177	21.996	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	52652	22.219	ug/l	99

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

