

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011333.D
 Acq On : 18 Jul 2019 14:55
 Operator : SY/VA
 Sample : VW0718SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0718SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/19/2019 9:53:58 AM

Quant Time: Jul 19 07:02:05 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	190791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	319748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	142566	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	119071	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	7.88	113	95574	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	10.32	98	383400	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.62	95	142108	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29302	20.593	ug/l	100
3) Chloromethane	2.21	50	39518	21.553	ug/l	98
4) Vinyl Chloride	2.35	62	47738	19.892	ug/l	99
5) Bromomethane	2.76	94	24713	20.493	ug/l	96
6) Chloroethane	2.91	64	26174	20.249	ug/l	98
7) Trichlorofluoromethane	3.24	101	15359	18.016	ug/l	99
8) Diethyl Ether	3.67	74	24331	20.626	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	40474	19.820	ug/l	98
10) Methyl Iodide	4.27	142	56956	20.279	ug/l	99
11) Tert butyl alcohol	5.16	59	19853	111.852	ug/l	95
12) 1,1-Dichloroethene	4.03	96	42379	19.995	ug/l	95
13) Acrolein	3.88	56	12065	85.364	ug/l	98
14) Allyl chloride	4.65	41	81268	21.027	ug/l	99
15) Acrylonitrile	5.36	53	62149	103.450	ug/l	98
16) Acetone	4.12	43	62491	108.335	ug/l	100
17) Carbon Disulfide	4.38	76	119794	18.643	ug/l	98
18) Methyl Acetate	4.67	43	41631	24.663	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	67043	20.847	ug/l	98
20) Methylene Chloride	4.91	84	55317	24.309	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	45533	20.675	ug/l	95
22) Diisopropyl ether	6.30	45	176384	21.218	ug/l	95
23) Vinyl Acetate	6.24	43	509774	99.089	ug/l	100
24) 1,1-Dichloroethane	6.21	63	92646	21.224	ug/l	99
25) 2-Butanone	7.16	43	94361	104.212	ug/l	100
26) 2,2-Dichloropropane	7.16	77	48735	21.478	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	49696	20.918	ug/l	96
28) Bromochloromethane	7.51	49	41292	20.804	ug/l	99
29) Tetrahydrofuran	7.52	42	59362	99.982	ug/l	100
30) Chloroform	7.66	83	85139	21.060	ug/l	99
31) Cyclohexane	7.95	56	89808	19.339	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	62295	20.257	ug/l	99
36) 1,1-Dichloropropene	8.08	75	67901	19.941	ug/l	99
37) Ethyl Acetate	7.24	43	42765	20.904	ug/l	99
38) Carbon Tetrachloride	8.06	117	55992	19.398	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78733	19.077	ug/l	98
40) Benzene	8.32	78	196612	20.894	ug/l	98
41) Methacrylonitrile	7.48	41	22923	19.591	ug/l	99
42) 1,2-Dichloroethane	8.40	62	64359	21.083	ug/l	99
43) Isopropyl Acetate	8.42	43	77024	19.942	ug/l	98
44) Trichloroethene	9.09	130	45918	20.278	ug/l	99
45) 1,2-Dichloropropane	9.37	63	53657	21.057	ug/l	97
46) Dibromomethane	9.46	93	24759	20.684	ug/l	99
47) Bromodichloromethane	9.64	83	61864	20.198	ug/l	98
48) Methyl methacrylate	9.43	41	36315	19.543	ug/l	98
49) 1,4-Dioxane	9.44	88	8199	410.348	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	202775	100.500	ug/l	99
52) Toluene	10.38	92	119516	20.937	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	63098	19.354	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	75888	19.776	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	35676	21.008	ug/l	97
56) Ethyl methacrylate	10.65	69	50335	19.469	ug/l	98
57) 1,3-Dichloropropane	10.93	76	66580	20.733	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	96463	80.479	ug/l	100
59) 2-Hexanone	10.97	43	137447	98.229	ug/l	99
60) Dibromochloromethane	11.13	129	37484	20.129	ug/l	97
61) 1,2-Dibromoethane	11.23	107	32836	20.413	ug/l	99
64) Tetrachloroethene	10.86	164	39519	20.375	ug/l	97
65) Chlorobenzene	11.66	112	119961	20.527	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	41761	20.295	ug/l	98
67) Ethyl Benzene	11.73	91	226200	20.219	ug/l	98
68) m/p-Xylenes	11.84	106	164602	40.661	ug/l	99
69) o-Xylene	12.16	106	78007	20.445	ug/l	100
70) Styrene	12.18	104	134222	20.384	ug/l	99
71) Bromoform	12.35	173	20467	18.708	ug/l #	99
73) Isopropylbenzene	12.46	105	211563	19.851	ug/l	100
74) N-amyl acetate	12.27	43	70835	19.084	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	42570	19.486	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31320m	19.010	ug/l	
77) Bromobenzene	12.75	156	48899	20.445	ug/l	98
78) n-propylbenzene	12.80	91	260470	19.840	ug/l	100
79) 2-Chlorotoluene	12.89	91	152943	20.245	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	181242	20.018	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11701	16.064	ug/l	93
82) 4-Chlorotoluene	12.99	91	159671	20.292	ug/l	100
83) tert-Butylbenzene	13.21	119	149697	19.825	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	184238	20.265	ug/l	100
85) sec-Butylbenzene	13.38	105	216743	19.893	ug/l	99
86) p-Isopropyltoluene	13.50	119	194162	19.868	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	95146	20.677	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	95769	20.668	ug/l	99
89) n-Butylbenzene	13.82	91	194477	19.949	ug/l	100
90) Hexachloroethane	14.10	117	33301	18.648	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	85654	20.518	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7326	18.906	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	58524	20.353	ug/l	100
94) Hexachlorobutadiene	15.24	225	35819	20.290	ug/l	99
95) Naphthalene	15.37	128	104383	18.944	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	52259	20.593	ug/l	99

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

