

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072519\
 Data File : VW011469.D
 Acq On : 24 Jul 2019 12:40
 Operator : SY/VA
 Sample : VW0725SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 8:18:06 AM

Quant Time: Jul 25 04:33:43 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	234318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128426	43.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.24%	
35) Dibromofluoromethane	7.88	113	106320	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
50) Toluene-d8	10.32	98	431406	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
62) 4-Bromofluorobenzene	12.62	95	157319	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31147	17.823	ug/l	95
3) Chloromethane	2.21	50	47605	21.141	ug/l	95
4) Vinyl Chloride	2.36	62	59752	20.273	ug/l	97
5) Bromomethane	2.76	94	28652	19.346	ug/l	89
6) Chloroethane	2.91	64	30352	19.119	ug/l	98
7) Trichlorofluoromethane	3.25	101	23234	22.190	ug/l	98
8) Diethyl Ether	3.68	74	28514	19.682	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	48968	19.525	ug/l	98
10) Methyl Iodide	4.26	142	68028	19.722	ug/l	98
11) Tert butyl alcohol	5.17	59	23117	106.048	ug/l	97
12) 1,1-Dichloroethene	4.04	96	50445	19.379	ug/l	93
13) Acrolein	3.89	56	12818	73.845	ug/l	96
14) Allyl chloride	4.66	41	100283	21.127	ug/l	99
15) Acrylonitrile	5.36	53	73367	99.437	ug/l	99
16) Acetone	4.12	43	68987	97.380	ug/l	99
17) Carbon Disulfide	4.39	76	140314	17.780	ug/l	98
18) Methyl Acetate	4.67	43	48990	23.571	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	81598	20.660	ug/l	100
20) Methylene Chloride	4.92	84	55877	19.994	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	52722	19.492	ug/l	93
22) Diisopropyl ether	6.31	45	202714	19.856	ug/l	97
23) Vinyl Acetate	6.25	43	584505	92.510	ug/l	99
24) 1,1-Dichloroethane	6.21	63	106469	19.860	ug/l	99
25) 2-Butanone	7.17	43	109480	98.449	ug/l	98
26) 2,2-Dichloropropane	7.17	77	59693	21.420	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59221	20.297	ug/l	98
28) Bromochloromethane	7.51	49	48296	19.812	ug/l	97
29) Tetrahydrofuran	7.52	42	69169	94.859	ug/l	100
30) Chloroform	7.67	83	96707	19.478	ug/l	98
31) Cyclohexane	7.95	56	109367	19.176	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	74533	19.735	ug/l	99
36) 1,1-Dichloropropene	8.08	75	79932	19.694	ug/l	99
37) Ethyl Acetate	7.25	43	48161	19.750	ug/l	99
38) Carbon Tetrachloride	8.07	117	66495	19.327	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	96414	19.599	ug/l	98
40) Benzene	8.32	78	227128	20.249	ug/l	99
41) Methacrylonitrile	7.48	41	28170	20.198	ug/l	93
42) 1,2-Dichloroethane	8.40	62	70761	19.447	ug/l	98
43) Isopropyl Acetate	8.42	43	89170	19.368	ug/l	99
44) Trichloroethene	9.09	130	55105	20.416	ug/l	99
45) 1,2-Dichloropropane	9.37	63	61484	20.242	ug/l	99
46) Dibromomethane	9.46	93	27962	19.598	ug/l	97
47) Bromodichloromethane	9.64	83	69448	19.023	ug/l	97
48) Methyl methacrylate	9.43	41	41667	18.812	ug/l	95
49) 1,4-Dioxane	9.45	88	9223	387.259	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	228168	94.873	ug/l	99
52) Toluene	10.38	92	138118	20.299	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	73143	18.822	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	87813	19.198	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	40846	20.179	ug/l	95
56) Ethyl methacrylate	10.65	69	59436	19.286	ug/l	97
57) 1,3-Dichloropropane	10.93	76	75618	19.756	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	101471	71.023	ug/l	99
59) 2-Hexanone	10.97	43	161106	96.595	ug/l	99
60) Dibromochloromethane	11.13	129	42236	19.028	ug/l	99
61) 1,2-Dibromoethane	11.23	107	37666	19.645	ug/l	99
64) Tetrachloroethene	10.86	164	48203	21.469	ug/l	95
65) Chlorobenzene	11.66	112	137199	20.281	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48020	20.161	ug/l	99
67) Ethyl Benzene	11.73	91	263529	20.349	ug/l	100
68) m/p-Xylenes	11.84	106	194025	41.406	ug/l	99
69) o-Xylene	12.16	106	89764	20.324	ug/l	100
70) Styrene	12.18	104	156168	20.489	ug/l	99
71) Bromoform	12.35	173	23454	18.520	ug/l #	98
73) Isopropylbenzene	12.46	105	255656	21.381	ug/l	100
74) N-amyl acetate	12.27	43	81429	19.553	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48388	19.741	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33285m	18.006	ug/l	
77) Bromobenzene	12.75	156	56732	21.141	ug/l	95
78) n-propylbenzene	12.80	91	308484	20.943	ug/l	100
79) 2-Chlorotoluene	12.89	91	176273	20.796	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	212055	20.875	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15266	18.679	ug/l	98
82) 4-Chlorotoluene	12.99	91	181257	20.531	ug/l	100
83) tert-Butylbenzene	13.21	119	180543	21.310	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	213773	20.958	ug/l	100
85) sec-Butylbenzene	13.38	105	259594	21.235	ug/l	99
86) p-Isopropyltoluene	13.50	119	231616	21.124	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	109571	21.223	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	107542	20.685	ug/l	99
89) n-Butylbenzene	13.82	91	228168	20.860	ug/l	100
90) Hexachloroethane	14.09	117	39502	19.715	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	96804	20.667	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8098	18.626	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	67106	20.801	ug/l	99
94) Hexachlorobutadiene	15.24	225	41691	21.049	ug/l	98
95) Naphthalene	15.37	128	121655	19.678	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	58694	20.614	ug/l	98

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

