

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011517.D
 Acq On : 26 Jul 2019 15:49
 Operator : SY/VA
 Sample : VW0727SBS01
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 9:18:54 AM

Quant Time: Jul 27 05:46:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	433544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	183537	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	155256	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	7.88	113	122779	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.32	98	515102	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.62	95	182642	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34732	23.419	ug/l	99
3) Chloromethane	2.21	50	54136	21.051	ug/l	97
4) Vinyl Chloride	2.35	62	66022	21.324	ug/l	98
5) Bromomethane	2.75	94	30847	17.999	ug/l	98
6) Chloroethane	2.89	64	29648	16.764	ug/l	99
7) Trichlorofluoromethane	3.23	101	27333	19.753	ug/l	94
8) Diethyl Ether	3.68	74	31341	19.977	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	52847	20.133	ug/l	99
10) Methyl Iodide	4.26	142	70655	19.047	ug/l	100
11) Tert butyl alcohol	5.19	59	15113	52.962	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	55562	20.048	ug/l	99
13) Acrolein	3.89	56	21821	99.522	ug/l	100
14) Allyl chloride	4.65	41	118635	20.126	ug/l	99
15) Acrylonitrile	5.36	53	77966	99.552	ug/l	100
16) Acetone	4.12	43	78192	80.442	ug/l	97
17) Carbon Disulfide	4.37	76	162324	18.713	ug/l	100
18) Methyl Acetate	4.67	43	44892	20.558	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	92450	21.021	ug/l	94
20) Methylene Chloride	4.90	84	65374	19.501	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	61030	20.425	ug/l	98
22) Diisopropyl ether	6.31	45	229985	20.694	ug/l	99
23) Vinyl Acetate	6.24	43	698684	100.051	ug/l	99
24) 1,1-Dichloroethane	6.21	63	121252	20.371	ug/l	99
25) 2-Butanone	7.16	43	116645	91.708	ug/l	100
26) 2,2-Dichloropropane	7.16	77	68140	18.615	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	65979	20.063	ug/l	97
28) Bromochloromethane	7.51	49	55880	21.151	ug/l	99
29) Tetrahydrofuran	7.53	42	71231	97.974	ug/l	98
30) Chloroform	7.67	83	109517	19.944	ug/l	99
31) Cyclohexane	7.95	56	118122	20.674	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	83850	20.051	ug/l	99
36) 1,1-Dichloropropene	8.08	75	93167	20.667	ug/l	99
37) Ethyl Acetate	7.24	43	51635	19.909	ug/l	98
38) Carbon Tetrachloride	8.07	117	76749	19.887	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	104967	21.146	ug/l	98
40) Benzene	8.32	78	256731	20.331	ug/l	99
41) Methacrylonitrile	7.48	41	31256	20.160	ug/l	96
42) 1,2-Dichloroethane	8.40	62	79846	20.197	ug/l	99
43) Isopropyl Acetate	8.42	43	93700	19.644	ug/l	100
44) Trichloroethene	9.09	130	62441	20.574	ug/l	95
45) 1,2-Dichloropropane	9.37	63	68187	20.182	ug/l	100
46) Dibromomethane	9.46	93	30630	19.863	ug/l	99
47) Bromodichloromethane	9.64	83	78292	19.355	ug/l	97
48) Methyl methacrylate	9.43	41	45327	19.783	ug/l	99
49) 1,4-Dioxane	9.46	88	7400	331.417	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	246541	99.370	ug/l	100
52) Toluene	10.38	92	156834	20.567	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	82041	19.416	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	99849	19.874	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	43581	19.918	ug/l	98
56) Ethyl methacrylate	10.65	69	62637	19.564	ug/l	99
57) 1,3-Dichloropropane	10.93	76	84173	20.334	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	167809	115.435	ug/l	100
59) 2-Hexanone	10.97	43	168445	96.157	ug/l	100
60) Dibromochloromethane	11.13	129	46877	19.301	ug/l	99
61) 1,2-Dibromoethane	11.23	107	41816	20.195	ug/l	99
64) Tetrachloroethene	10.86	164	52835	21.387	ug/l	97
65) Chlorobenzene	11.66	112	154717	20.283	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	53005	19.949	ug/l	99
67) Ethyl Benzene	11.73	91	299706	20.630	ug/l	96
68) m/p-Xylenes	11.84	106	222015	42.021	ug/l	98
69) o-Xylene	12.16	106	101399	20.653	ug/l	99
70) Styrene	12.18	104	176099	20.745	ug/l	99
71) Bromoform	12.35	173	26238	19.368	ug/l #	99
73) Isopropylbenzene	12.46	105	286067	20.893	ug/l	100
74) N-amyl acetate	12.27	43	84098	19.618	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	52722	20.470	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	36951m	19.027	ug/l	
77) Bromobenzene	12.75	156	62287	20.581	ug/l	100
78) n-propylbenzene	12.80	91	351716	21.107	ug/l	100
79) 2-Chlorotoluene	12.89	91	200499	20.885	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	243020	21.173	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15999	18.986	ug/l	95
82) 4-Chlorotoluene	12.99	91	210582	20.907	ug/l	99
83) tert-Butylbenzene	13.21	119	203946	21.249	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	241060	20.849	ug/l	100
85) sec-Butylbenzene	13.38	105	293068	21.399	ug/l	100
86) p-Isopropyltoluene	13.50	119	261691	21.060	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	121465	20.469	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	122131	20.689	ug/l	99
89) n-Butylbenzene	13.82	91	263271	21.231	ug/l	100
90) Hexachloroethane	14.10	117	44818	20.397	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	109064	20.780	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8739	19.898	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	77001	20.817	ug/l	100
94) Hexachlorobutadiene	15.24	225	48685	21.106	ug/l	99
95) Naphthalene	15.37	128	133084	19.674	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	65051	20.063	ug/l	99

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

