

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011534.D
 Acq On : 27 Jul 2019 00:00
 Operator : SY/VA
 Sample : VW0727SBS02
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS02

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 9:19:33 AM

Quant Time: Jul 27 06:50:15 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	224350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	378903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162127	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	132461	51.42	ug/l	0.00
Spiked Amount						
			Recovery	=	102.84%	
35) Dibromofluoromethane	7.88	113	103903	48.88	ug/l	0.00
Spiked Amount						
			Recovery	=	97.76%	
50) Toluene-d8	10.32	98	422237	48.51	ug/l	0.00
Spiked Amount						
			Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.62	95	153129	49.35	ug/l	0.00
Spiked Amount						
			Recovery	=	98.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	28814	23.045	ug/l	98
3) Chloromethane	2.21	50	46410	21.406	ug/l	98
4) Vinyl Chloride	2.36	62	54154	20.747	ug/l	100
5) Bromomethane	2.77	94	29014	20.082	ug/l	94
6) Chloroethane	2.92	64	30016	20.131	ug/l	99
7) Trichlorofluoromethane	3.25	101	21192	18.166	ug/l	97
8) Diethyl Ether	3.68	74	29415	22.239	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44554	20.134	ug/l	98
10) Methyl Iodide	4.27	142	66051	21.121	ug/l	100
11) Tert butyl alcohol	5.17	59	23973	116.577	ug/l	98
12) 1,1-Dichloroethene	4.04	96	47967	20.529	ug/l	99
13) Acrolein	3.89	56	17410	94.186	ug/l	98
14) Allyl chloride	4.67	41	98567	19.834	ug/l	98
15) Acrylonitrile	5.37	53	71253	107.917	ug/l	99
16) Acetone	4.12	43	66707	81.402	ug/l	96
17) Carbon Disulfide	4.38	76	144947	19.821	ug/l	98
18) Methyl Acetate	4.67	43	43639	23.705	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	82176	22.163	ug/l	94
20) Methylene Chloride	4.92	84	58198	20.592	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	51861	20.588	ug/l	98
22) Diisopropyl ether	6.31	45	205533	21.937	ug/l	96
23) Vinyl Acetate	6.25	43	613137	104.146	ug/l	99
24) 1,1-Dichloroethane	6.21	63	106016	21.127	ug/l	99
25) 2-Butanone	7.17	43	108524	101.207	ug/l	97
26) 2,2-Dichloropropane	7.16	77	59423	19.256	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	57435	20.717	ug/l	96
28) Bromochloromethane	7.51	49	48434	21.746	ug/l #	99
29) Tetrahydrofuran	7.52	42	68302	111.434	ug/l	99
30) Chloroform	7.67	83	97183	20.993	ug/l	97
31) Cyclohexane	7.95	56	95380	19.802	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	72004	20.423	ug/l	99
36) 1,1-Dichloropropene	8.08	75	77630	19.704	ug/l	99
37) Ethyl Acetate	7.25	43	48539	21.414	ug/l	98
38) Carbon Tetrachloride	8.07	117	63944	18.959	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	84894	19.568	ug/l	99
40) Benzene	8.32	78	225250	20.411	ug/l	100
41) Methacrylonitrile	7.48	41	31386	23.163	ug/l	94
42) 1,2-Dichloroethane	8.40	62	72068	20.858	ug/l	99
43) Isopropyl Acetate	8.42	43	88462	21.221	ug/l	100
44) Trichloroethene	9.09	130	53838	20.297	ug/l	99
45) 1,2-Dichloropropane	9.37	63	60704	20.558	ug/l	96
46) Dibromomethane	9.46	93	28214	20.934	ug/l	98
47) Bromodichloromethane	9.65	83	70336	19.896	ug/l	98
48) Methyl methacrylate	9.43	41	41925	20.937	ug/l	99
49) 1,4-Dioxane	9.45	88	8428	431.889	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	232411	107.184	ug/l	100
52) Toluene	10.39	92	135784	20.374	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	72324	19.584	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	86620	19.727	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40097	20.969	ug/l	98
56) Ethyl methacrylate	10.65	69	59001	21.085	ug/l	100
57) 1,3-Dichloropropane	10.93	76	76244	21.075	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	141360	111.264	ug/l	100
59) 2-Hexanone	10.97	43	154218	100.731	ug/l	99
60) Dibromochloromethane	11.13	129	43164	20.335	ug/l	99
61) 1,2-Dibromoethane	11.23	107	37642	20.801	ug/l	99
64) Tetrachloroethene	10.86	164	46535	21.245	ug/l	99
65) Chlorobenzene	11.66	112	135317	20.007	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	47001	19.950	ug/l	100
67) Ethyl Benzene	11.73	91	258193	20.044	ug/l	100
68) m/p-Xylenes	11.84	106	189140	40.375	ug/l	99
69) o-Xylene	12.16	106	88061	20.229	ug/l	99
70) Styrene	12.18	104	152826	20.304	ug/l	99
71) Bromoform	12.35	173	24181	20.131	ug/l #	97
73) Isopropylbenzene	12.46	105	238394	19.710	ug/l	99
74) N-amyl acetate	12.27	43	78900	20.836	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	48446	21.294	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34210m	19.942	ug/l	
77) Bromobenzene	12.75	156	55542	20.776	ug/l	99
78) n-propylbenzene	12.80	91	293101	19.912	ug/l	100
79) 2-Chlorotoluene	12.89	91	170259	20.078	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	206524	20.370	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13616	18.292	ug/l	94
82) 4-Chlorotoluene	12.99	91	181025	20.346	ug/l	100
83) tert-Butylbenzene	13.21	119	169287	19.967	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	207800	20.346	ug/l	99
85) sec-Butylbenzene	13.38	105	241184	19.936	ug/l	100
86) p-Isopropyltoluene	13.50	119	217529	19.818	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	106185	20.257	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	106140	20.355	ug/l	99
89) n-Butylbenzene	13.82	91	210381	19.206	ug/l	99
90) Hexachloroethane	14.10	117	37467	19.304	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	95386	20.574	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8109	20.902	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	62919	19.256	ug/l	100
94) Hexachlorobutadiene	15.24	225	38752	19.018	ug/l	99
95) Naphthalene	15.37	128	113787	19.109	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	55405	19.344	ug/l	99

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

