

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053119\
 Data File : VW010631.D
 Acq On : 31 May 2019 12:43
 Operator : SY/VA
 Sample : VW0531SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0531SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 8:44:28 AM

Quant Time: Jun 01 05:06:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	172455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	286781	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	257395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127970	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	82342	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	7.88	113	86773	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	10.32	98	332457	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.62	95	129947	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	24170	15.539	ug/l	99
3) Chloromethane	2.21	50	27322	15.079	ug/l	99
4) Vinyl Chloride	2.35	62	31450	14.985	ug/l	98
5) Bromomethane	2.75	94	24664	17.082	ug/l	100
6) Chloroethane	2.90	64	22803	16.925	ug/l	97
7) Trichlorofluoromethane	3.25	101	61619	19.886	ug/l	93
8) Diethyl Ether	3.68	74	19042	19.386	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39231	20.559	ug/l	98
10) Methyl Iodide	4.26	142	31571	14.475	ug/l	98
11) Tert butyl alcohol	5.16	59	22346	139.565	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	36364	19.963	ug/l	91
13) Acrolein	3.89	56	8038	70.101	ug/l	98
14) Allyl chloride	4.67	41	48920	18.553	ug/l	99
15) Acrylonitrile	5.37	53	36508	88.749	ug/l	99
16) Acetone	4.12	43	35599	97.976	ug/l	97
17) Carbon Disulfide	4.37	76	88661	16.318	ug/l	97
18) Methyl Acetate	4.68	43	18208	20.490	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	88237	19.001	ug/l	92
20) Methylene Chloride	4.91	84	39427	14.937	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	41780	19.996	ug/l	93
22) Diisopropyl ether	6.31	45	104041	19.244	ug/l	99
23) Vinyl Acetate	6.26	43	285089	88.275	ug/l	99
24) 1,1-Dichloroethane	6.21	63	64769	20.075	ug/l	98
25) 2-Butanone	7.17	43	50337	96.806	ug/l	100
26) 2,2-Dichloropropane	7.16	77	68519	22.295	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	47096	20.733	ug/l	98
28) Bromochloromethane	7.51	49	24547	21.250	ug/l	95
29) Tetrahydrofuran	7.52	42	29499	83.838	ug/l	99
30) Chloroform	7.68	83	72252	20.762	ug/l	95
31) Cyclohexane	7.95	56	63180	18.694	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	68940	20.726	ug/l	99
36) 1,1-Dichloropropene	8.08	75	57184	21.405	ug/l	99
37) Ethyl Acetate	7.25	43	20701	18.222	ug/l	99
38) Carbon Tetrachloride	8.07	117	61777	21.436	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73171	20.443	ug/l	98
40) Benzene	8.32	78	158397	21.332	ug/l	98
41) Methacrylonitrile	7.48	41	13052	19.336	ug/l	94
42) 1,2-Dichloroethane	8.40	62	43635	20.561	ug/l	99
43) Isopropyl Acetate	8.43	43	40703	17.934	ug/l	97
44) Trichloroethene	9.09	130	48180	21.856	ug/l	99
45) 1,2-Dichloropropane	9.37	63	37103	21.039	ug/l	99
46) Dibromomethane	9.46	93	21682	21.023	ug/l	98
47) Bromodichloromethane	9.65	83	52251	20.161	ug/l	99
48) Methyl methacrylate	9.44	41	17914	17.253	ug/l	96
49) 1,4-Dioxane	9.45	88	5781	343.139	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	104513	90.877	ug/l	99
52) Toluene	10.39	92	108182	21.694	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	50545	19.257	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	60179	20.075	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	31212	21.046	ug/l	93
56) Ethyl methacrylate	10.65	69	37005	18.092	ug/l	100
57) 1,3-Dichloropropane	10.93	76	51166	20.596	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	86401	95.369	ug/l	98
59) 2-Hexanone	10.97	43	72023	87.792	ug/l	99
60) Dibromochloromethane	11.13	129	36720	19.564	ug/l	99
61) 1,2-Dibromoethane	11.24	107	30753	20.470	ug/l	99
64) Tetrachloroethene	10.86	164	39029	21.752	ug/l	97
65) Chlorobenzene	11.66	112	117841	21.482	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	41898	21.321	ug/l	99
67) Ethyl Benzene	11.73	91	206114	21.281	ug/l	99
68) m/p-Xylenes	11.84	106	161684	42.561	ug/l	100
69) o-Xylene	12.17	106	77231	21.458	ug/l	98
70) Styrene	12.18	104	128037	20.966	ug/l	100
71) Bromoform	12.35	173	18945	17.507	ug/l #	98
73) Isopropylbenzene	12.46	105	211933	20.870	ug/l	100
74) N-amyl acetate	12.27	43	38226	16.427	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	33893	18.350	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	24565m	18.911	ug/l	
77) Bromobenzene	12.75	156	47965	21.107	ug/l	98
78) n-propylbenzene	12.80	91	238558	20.158	ug/l	99
79) 2-Chlorotoluene	12.90	91	140283	20.441	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	175971	20.460	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	9595	15.416	ug/l	92
82) 4-Chlorotoluene	12.99	91	146083	20.507	ug/l	99
83) tert-Butylbenzene	13.21	119	154733	20.596	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	177752	20.751	ug/l	100
85) sec-Butylbenzene	13.38	105	218101	20.745	ug/l	100
86) p-Isopropyltoluene	13.50	119	199019	20.914	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	95619	21.447	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	93673	20.941	ug/l	97
89) n-Butylbenzene	13.83	91	183996	20.328	ug/l	99
90) Hexachloroethane	14.10	117	35331	19.182	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	85199	20.973	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5598	16.300	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	57096	20.657	ug/l	99
94) Hexachlorobutadiene	15.24	225	32102	21.741	ug/l	98
95) Naphthalene	15.37	128	101615	17.514	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	49148	20.665	ug/l	99

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

