

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008703.D
 Acq On : 16 Feb 2019 01:15
 Operator : SY/VA
 Sample : VW0215SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0215SBS02

Manual Integrations
 APPROVED

MMDadoda
 2/18/2019 2:34:53 PM

Quant Time: Feb 16 03:21:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	291166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	475430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	442367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	231205	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	184484	60.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.88%	
35) Dibromofluoromethane	7.88	113	162479	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
50) Toluene-d8	10.32	98	594917	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
62) 4-Bromofluorobenzene	12.62	95	226118	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	33774	18.110	ug/l	94
3) Chloromethane	2.21	50	50145	18.652	ug/l	96
4) Vinyl Chloride	2.36	62	63223	17.903	ug/l	96
5) Bromomethane	2.77	94	59991	21.469	ug/l	94
6) Chloroethane	2.92	64	53198	20.245	ug/l	91
7) Trichlorofluoromethane	3.25	101	42040	15.285	ug/l	96
8) Diethyl Ether	3.67	74	38588	23.510	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	58297	20.057	ug/l	97
10) Methyl Iodide	4.26	142	99430	21.917	ug/l	98
11) Tert butyl alcohol	5.17	59	26676	110.144	ug/l	95
12) 1,1-Dichloroethene	4.03	96	56711	19.951	ug/l	97
13) Acrolein	3.89	56	23208	93.007	ug/l	97
14) Allyl chloride	4.65	41	95195	20.157	ug/l	99
15) Acrylonitrile	5.36	53	82184	118.961	ug/l	96
16) Acetone	4.12	43	74413	108.028	ug/l	98
17) Carbon Disulfide	4.37	76	158390	18.464	ug/l	97
18) Methyl Acetate	4.67	43	37563	23.864	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	120570	24.162	ug/l	99
20) Methylene Chloride	4.90	84	76426	20.984	ug/l	92
21) trans-1,2-Dichloroethene	5.41	96	67489	21.680	ug/l	94
22) Diisopropyl ether	6.31	45	219821	23.126	ug/l	98
23) Vinyl Acetate	6.25	43	679715	110.181	ug/l	99
24) 1,1-Dichloroethane	6.20	63	119751	21.833	ug/l	99
25) 2-Butanone	7.17	43	112280	115.436	ug/l	96
26) 2,2-Dichloropropane	7.16	77	62244	18.166	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	75425	22.407	ug/l	97
28) Bromochloromethane	7.51	49	53418	23.071	ug/l	95
29) Tetrahydrofuran	7.53	42	78880	123.039	ug/l	98
30) Chloroform	7.67	83	126013	22.929	ug/l	98
31) Cyclohexane	7.95	56	101562	18.345	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	96666	20.826	ug/l	99
36) 1,1-Dichloropropene	8.08	75	90056	18.854	ug/l	99
37) Ethyl Acetate	7.25	43	55110	23.918	ug/l	99
38) Carbon Tetrachloride	8.06	117	90720	19.100	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	105636	17.485	ug/l	97
40) Benzene	8.32	78	269629	20.669	ug/l	100
41) Methacrylonitrile	7.49	41	30984	23.900	ug/l	97
42) 1,2-Dichloroethane	8.40	62	90697	22.414	ug/l	99
43) Isopropyl Acetate	8.43	43	99885	21.740	ug/l	98
44) Trichloroethene	9.09	130	73311	20.268	ug/l	90
45) 1,2-Dichloropropane	9.37	63	70319	21.781	ug/l	97
46) Dibromomethane	9.46	93	41136	23.130	ug/l	97
47) Bromodichloromethane	9.64	83	92365	21.610	ug/l	99
48) Methyl methacrylate	9.43	41	46770	21.966	ug/l	97
49) 1,4-Dioxane	9.44	88	13866	488.447	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	259453	109.932	ug/l	98
52) Toluene	10.38	92	170662	20.279	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	87922	19.581	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	101958	20.031	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	55815	22.873	ug/l	99
56) Ethyl methacrylate	10.65	69	70441	21.739	ug/l	98
57) 1,3-Dichloropropane	10.93	76	99014	22.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	188139	121.038	ug/l	99
59) 2-Hexanone	10.97	43	179650	108.355	ug/l	100
60) Dibromochloromethane	11.13	129	63172	21.636	ug/l	99
61) 1,2-Dibromoethane	11.24	107	53911	22.438	ug/l	98
64) Tetrachloroethene	10.86	164	69487	21.123	ug/l	97
65) Chlorobenzene	11.66	112	197984	20.765	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	69255	20.504	ug/l	98
67) Ethyl Benzene	11.73	91	326516	19.225	ug/l	100
68) m/p-Xylenes	11.84	106	255089	38.601	ug/l	99
69) o-Xylene	12.16	106	125764	20.133	ug/l	97
70) Styrene	12.18	104	203313	19.927	ug/l	98
71) Bromoform	12.35	173	37439	20.572	ug/l #	99
73) Isopropylbenzene	12.46	105	324023	18.814	ug/l	98
74) N-amyl acetate	12.27	43	93563	20.090	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	65359	21.813	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	46724m	20.466	ug/l	
77) Bromobenzene	12.75	156	83602	21.118	ug/l	99
78) n-propylbenzene	12.80	91	382384	18.687	ug/l	98
79) 2-Chlorotoluene	12.90	91	229424	19.838	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	277668	19.411	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	16085	17.271	ug/l	94
82) 4-Chlorotoluene	12.99	91	241994	19.745	ug/l	100
83) tert-Butylbenzene	13.21	119	246919	19.879	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	288294	19.609	ug/l	99
85) sec-Butylbenzene	13.38	105	340033	18.801	ug/l	99
86) p-Isopropyltoluene	13.50	119	302979	18.726	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	161685	20.147	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	162627	20.562	ug/l	99
89) n-Butylbenzene	13.83	91	274065	17.825	ug/l	99
90) Hexachloroethane	14.10	117	53299	18.855	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	148906	20.943	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11388	21.871	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	106010	20.945	ug/l	98
94) Hexachlorobutadiene	15.24	225	58967	20.014	ug/l	99
95) Naphthalene	15.37	128	197424	21.766	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	94667	21.796	ug/l	99

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

