

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021119\
 Data File : VW008592.D
 Acq On : 11 Feb 2019 12:55
 Operator : SY/VA
 Sample : VW0211SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0211SBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 1:51:16 PM

Quant Time: Feb 12 04:46:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	415385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	629722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	566360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	292830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	224909	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
35) Dibromofluoromethane	7.88	113	207741	56.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.84%	
50) Toluene-d8	10.32	98	794362	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
62) 4-Bromofluorobenzene	12.62	95	296103	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	33861	16.441	ug/l	98
3) Chloromethane	2.21	50	63013	18.584	ug/l	93
4) Vinyl Chloride	2.36	62	87622	20.300	ug/l	98
5) Bromomethane	2.77	94	67660	24.303	ug/l	96
6) Chloroethane	2.92	64	65823	24.936	ug/l	98
7) Trichlorofluoromethane	3.25	101	68078	21.145	ug/l	99
8) Diethyl Ether	3.67	74	43825	21.156	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	74068	19.715	ug/l	94
10) Methyl Iodide	4.26	142	118468	19.964	ug/l	99
11) Tert butyl alcohol	5.18	59	32146	97.842	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	72026	18.944	ug/l	94
13) Acrolein	3.88	56	24957	88.840	ug/l	97
14) Allyl chloride	4.65	41	132849	18.401	ug/l	97
15) Acrylonitrile	5.37	53	94123	105.224	ug/l	99
16) Acetone	4.12	43	92223	100.637	ug/l	95
17) Carbon Disulfide	4.37	76	212301	17.483	ug/l	98
18) Methyl Acetate	4.67	43	49522	20.261	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	138029	21.942	ug/l	96
20) Methylene Chloride	4.90	84	89219	21.123	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	83335	19.496	ug/l	93
22) Diisopropyl ether	6.31	45	262687	19.198	ug/l	96
23) Vinyl Acetate	6.25	43	802407	99.312	ug/l	98
24) 1,1-Dichloroethane	6.20	63	153359	19.800	ug/l	100
25) 2-Butanone	7.17	43	132570	104.151	ug/l	95
26) 2,2-Dichloropropane	7.17	77	101760	19.437	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	93474	20.065	ug/l	97
28) Bromochloromethane	7.51	49	74285	20.882	ug/l	98
29) Tetrahydrofuran	7.52	42	86138	106.790	ug/l	98
30) Chloroform	7.67	83	154636	20.298	ug/l	99
31) Cyclohexane	7.95	56	148015	18.482	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	132475	20.133	ug/l	99
36) 1,1-Dichloropropene	8.07	75	123946	20.837	ug/l	99
37) Ethyl Acetate	7.25	43	59313	22.538	ug/l	99
38) Carbon Tetrachloride	8.06	117	126109	21.068	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	155660	19.920	ug/l	98
40) Benzene	8.32	78	337281	20.434	ug/l	100
41) Methacrylonitrile	7.48	41	35081	22.512	ug/l	99
42) 1,2-Dichloroethane	8.40	62	103395	21.615	ug/l	99
43) Isopropyl Acetate	8.42	43	114779	20.993	ug/l	99
44) Trichloroethene	9.09	130	93655	20.865	ug/l	99
45) 1,2-Dichloropropane	9.37	63	84515	20.535	ug/l	99
46) Dibromomethane	9.45	93	45783	21.628	ug/l	99
47) Bromodichloromethane	9.64	83	114120	20.382	ug/l	96
48) Methyl methacrylate	9.43	41	55086	20.605	ug/l	98
49) 1,4-Dioxane	9.45	88	14830	414.470	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	296003	109.585	ug/l	99
52) Toluene	10.38	92	219520	20.147	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	119669	20.086	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	137957	20.404	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	63762	21.716	ug/l	98
56) Ethyl methacrylate	10.65	69	82245	19.991	ug/l	98
57) 1,3-Dichloropropane	10.93	76	111376	21.174	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	243949	122.038	ug/l	99
59) 2-Hexanone	10.97	43	210364	110.318	ug/l	99
60) Dibromochloromethane	11.13	129	78749	20.871	ug/l	98
61) 1,2-Dibromoethane	11.24	107	61548	21.141	ug/l	97
64) Tetrachloroethene	10.86	164	81837	21.342	ug/l	97
65) Chlorobenzene	11.66	112	240487	20.801	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	88531	21.403	ug/l	98
67) Ethyl Benzene	11.73	91	429015	20.187	ug/l	99
68) m/p-Xylenes	11.84	106	329909	40.010	ug/l	99
69) o-Xylene	12.16	106	158095	20.179	ug/l	97
70) Styrene	12.18	104	251499	19.434	ug/l	98
71) Bromoform	12.35	173	47008	20.198	ug/l	# 99
73) Isopropylbenzene	12.46	105	439495	20.132	ug/l	99
74) N-amyl acetate	12.27	43	115024	20.452	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	74114	21.443	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	41665m	16.365	ug/l	
77) Bromobenzene	12.75	156	101075	21.200	ug/l	96
78) n-propylbenzene	12.80	91	527198	20.106	ug/l	99
79) 2-Chlorotoluene	12.89	91	293460	19.834	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	363152	19.902	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	24347	18.888	ug/l	93
82) 4-Chlorotoluene	12.99	91	307367	19.512	ug/l	98
83) tert-Butylbenzene	13.21	119	325755	20.062	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	377306	20.343	ug/l	99
85) sec-Butylbenzene	13.38	105	466173	20.103	ug/l	98
86) p-Isopropyltoluene	13.50	119	415523	20.456	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	203211	21.105	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	200050	20.906	ug/l	99
89) n-Butylbenzene	13.83	91	400646	20.088	ug/l	99
90) Hexachloroethane	14.10	117	79150	19.925	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	179202	21.034	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13876	21.159	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	134469	22.117	ug/l	99
94) Hexachlorobutadiene	15.24	225	80340	21.927	ug/l	98
95) Naphthalene	15.37	128	236486	22.153	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	115598	22.414	ug/l	100

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

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