

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020619\
 Data File : VW008520.D
 Acq On : 06 Feb 2019 11:53
 Operator : SY/VA
 Sample : VW0206SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0206SBSD01

Quant Time: Feb 07 02:03:57 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	575631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	873932	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	779459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	404944	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	294915	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
35) Dibromofluoromethane	7.88	113	283621	55.50	ug/l	0.00
Spiked Amount			Recovery	=	111.00%	
50) Toluene-d8	10.32	98	1075808	52.50	ug/l	0.00
Spiked Amount			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.62	95	392793	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	43801	15.563	ug/l	91
3) Chloromethane	2.21	50	81995	17.450	ug/l	99
4) Vinyl Chloride	2.37	62	109231	18.262	ug/l	100
5) Bromomethane	2.77	94	91239	23.649	ug/l	97
6) Chloroethane	2.93	64	87257	23.853	ug/l	100
7) Trichlorofluoromethane	3.25	101	89167	20.244	ug/l	97
8) Diethyl Ether	3.68	74	56841	19.801	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	101115	19.422	ug/l	98
10) Methyl Iodide	4.26	142	162472	19.757	ug/l	98
11) Tert butyl alcohol	5.20	59	40756	89.516	ug/l #	70
12) 1,1-Dichloroethene	4.04	96	98659	18.725	ug/l	93
13) Acrolein	3.89	56	38624	98.727	ug/l	93
14) Allyl chloride	4.66	41	174448	17.436	ug/l	96
15) Acrylonitrile	5.37	53	118283	95.422	ug/l	99
16) Acetone	4.13	43	115863	91.236	ug/l	94
17) Carbon Disulfide	4.37	76	295600	17.566	ug/l	97
18) Methyl Acetate	4.67	43	61872	18.267	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	174264	19.990	ug/l	96
20) Methylene Chloride	4.92	84	119388	20.397	ug/l	89
21) trans-1,2-Dichloroethene	5.42	96	111961	18.901	ug/l	93
22) Diisopropyl ether	6.31	45	341499	18.010	ug/l	98
23) Vinyl Acetate	6.25	43	1028164	91.828	ug/l	99
24) 1,1-Dichloroethane	6.21	63	198054	18.452	ug/l	99
25) 2-Butanone	7.17	43	170488	96.654	ug/l	99
26) 2,2-Dichloropropane	7.17	77	135258	18.643	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	124296	19.254	ug/l	98
28) Bromochloromethane	7.51	49	93702	19.007	ug/l	96
29) Tetrahydrofuran	7.53	42	109327	97.807	ug/l	97
30) Chloroform	7.67	83	199699	18.916	ug/l	96
31) Cyclohexane	7.95	56	195427	17.609	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	174090	19.092	ug/l	100
36) 1,1-Dichloropropene	8.08	75	159187	19.283	ug/l	97
37) Ethyl Acetate	7.26	43	74632	20.434	ug/l	99
38) Carbon Tetrachloride	8.06	117	166755	20.074	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	204350	18.843	ug/l	96
40) Benzene	8.32	78	446125	19.475	ug/l	99
41) Methacrylonitrile	7.48	41	42545	19.673	ug/l	94
42) 1,2-Dichloroethane	8.40	62	133288	20.078	ug/l	100
43) Isopropyl Acetate	8.42	43	149982	19.766	ug/l	97
44) Trichloroethene	9.09	130	128698	20.660	ug/l	97
45) 1,2-Dichloropropane	9.37	63	110594	19.363	ug/l	95
46) Dibromomethane	9.46	93	59730	20.332	ug/l	95
47) Bromodichloromethane	9.64	83	151780	19.533	ug/l	99
48) Methyl methacrylate	9.43	41	70815	19.087	ug/l	97
49) 1,4-Dioxane	9.46	88	18507	372.700	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	375123	100.069	ug/l	99
52) Toluene	10.39	92	288356	19.069	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	160381	19.397	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	178538	19.028	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	82130	20.156	ug/l	97
56) Ethyl methacrylate	10.65	69	105610	18.497	ug/l	97
57) 1,3-Dichloropropane	10.93	76	146920	20.126	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	286961	103.441	ug/l	96
59) 2-Hexanone	10.97	43	267512	101.085	ug/l	100
60) Dibromochloromethane	11.13	129	103238	19.715	ug/l	99
61) 1,2-Dibromoethane	11.24	107	81230	20.105	ug/l	99
64) Tetrachloroethene	10.86	164	108767	20.610	ug/l	98
65) Chlorobenzene	11.66	112	324155	20.372	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	114674	20.144	ug/l	98
67) Ethyl Benzene	11.73	91	567023	19.387	ug/l	99
68) m/p-Xylenes	11.84	106	442040	38.953	ug/l	97
69) o-Xylene	12.16	106	209449	19.425	ug/l	96
70) Styrene	12.18	104	339905	19.085	ug/l	98
71) Bromoform	12.35	173	62233	19.429	ug/l #	99
73) Isopropylbenzene	12.46	105	583287	19.321	ug/l	99
74) N-amyl acetate	12.27	43	146938	18.893	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	96298	20.148	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	67111m	19.062	ug/l	
77) Bromobenzene	12.75	156	133625	20.267	ug/l	94
78) n-propylbenzene	12.80	91	683652	18.854	ug/l	98
79) 2-Chlorotoluene	12.90	91	393618	19.237	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	470448	18.644	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	32835	18.420	ug/l	95
82) 4-Chlorotoluene	12.99	91	407921	18.725	ug/l	97
83) tert-Butylbenzene	13.21	119	423292	18.851	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	485762	18.940	ug/l	100
85) sec-Butylbenzene	13.38	105	606321	18.907	ug/l	99
86) p-Isopropyltoluene	13.50	119	546827	19.467	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	264774	19.885	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	260768	19.706	ug/l	99
89) n-Butylbenzene	13.83	91	515430	18.688	ug/l	98
90) Hexachloroethane	14.10	117	103995	18.931	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	234742	19.924	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18902	20.843	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	178451	21.225	ug/l	99
94) Hexachlorobutadiene	15.24	225	103316	20.390	ug/l	99
95) Naphthalene	15.37	128	316910	21.467	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	152986	21.451	ug/l	100

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

