

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011683.D
 Acq On : 04 Aug 2019 00:47
 Operator : SY/VA
 Sample : VW0804SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBSD02

Quant Time: Aug 04 02:46:12 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	225915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	380673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157947	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	151487	58.40	ug/l	0.00
Spiked Amount			Recovery	=	116.80%	
35) Dibromofluoromethane	7.88	113	119834	56.11	ug/l	0.00
Spiked Amount			Recovery	=	112.22%	
50) Toluene-d8	10.32	98	491606	56.22	ug/l	0.00
Spiked Amount			Recovery	=	112.44%	
62) 4-Bromofluorobenzene	12.62	95	172874	55.45	ug/l	0.00
Spiked Amount			Recovery	=	110.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	31322	24.877	ug/l	93
3) Chloromethane	2.21	50	47097	21.572	ug/l	100
4) Vinyl Chloride	2.35	62	55566	21.140	ug/l	98
5) Bromomethane	2.76	94	28873	19.846	ug/l	95
6) Chloroethane	2.91	64	30686	20.438	ug/l	99
7) Trichlorofluoromethane	3.25	101	21723	18.492	ug/l	96
8) Diethyl Ether	3.68	74	27849	20.910	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45291	20.325	ug/l	99
10) Methyl Iodide	4.27	142	64897	20.608	ug/l	98
11) Tert butyl alcohol	5.17	59	22250	105.946	ug/l	99
12) 1,1-Dichloroethene	4.03	96	48447	20.591	ug/l	94
13) Acrolein	3.89	56	11825	63.529	ug/l	99
14) Allyl chloride	4.66	41	101774	20.338	ug/l	99
15) Acrylonitrile	5.36	53	70397	105.882	ug/l	99
16) Acetone	4.12	43	64581	78.262	ug/l	100
17) Carbon Disulfide	4.38	76	147878	20.081	ug/l	100
18) Methyl Acetate	4.67	43	55092	29.719	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	80270	21.499	ug/l	95
20) Methylene Chloride	4.92	84	59101	20.767	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	53530	21.103	ug/l	97
22) Diisopropyl ether	6.31	45	201645	21.373	ug/l	99
23) Vinyl Acetate	6.25	43	554262	93.493	ug/l	100
24) 1,1-Dichloroethane	6.21	63	109148	21.601	ug/l	99
25) 2-Butanone	7.17	43	101429	93.935	ug/l	100
26) 2,2-Dichloropropane	7.17	77	54839	17.647	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	57647	20.649	ug/l	96
28) Bromochloromethane	7.51	49	50638	22.578	ug/l	99
29) Tetrahydrofuran	7.53	42	66254	107.344	ug/l	99
30) Chloroform	7.68	83	100995	21.665	ug/l	95
31) Cyclohexane	7.95	56	97895	20.183	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	76882	21.656	ug/l	99
36) 1,1-Dichloropropene	8.08	75	79750	20.148	ug/l	99
37) Ethyl Acetate	7.25	43	45192	19.844	ug/l #	97
38) Carbon Tetrachloride	8.07	117	68547	20.229	ug/l	100

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39) Methylcyclohexane	9.34	83	84216	19.322	ug/l	99
40) Benzene	8.32	78	230813	20.818	ug/l	99
41) Methacrylonitrile	7.48	41	27356	20.095	ug/l	98
42) 1,2-Dichloroethane	8.40	62	71911	20.716	ug/l	100
43) Isopropyl Acetate	8.42	43	82606	19.724	ug/l	99
44) Trichloroethene	9.09	130	54078	20.293	ug/l	98
45) 1,2-Dichloropropane	9.37	63	61710	20.801	ug/l	98
46) Dibromomethane	9.46	93	28329	20.922	ug/l	97
47) Bromodichloromethane	9.64	83	72895	20.523	ug/l	99
48) Methyl methacrylate	9.43	41	41867	20.810	ug/l	99
49) 1,4-Dioxane	9.45	88	8602	438.756	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	222678	102.218	ug/l	99
52) Toluene	10.39	92	138833	20.735	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	70432	18.983	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	85215	19.317	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	39589	20.607	ug/l	98
56) Ethyl methacrylate	10.65	69	56735	20.181	ug/l	99
57) 1,3-Dichloropropane	10.93	76	74227	20.422	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	143133	112.136	ug/l	99
59) 2-Hexanone	10.97	43	147251	95.733	ug/l	100
60) Dibromochloromethane	11.13	129	43156	20.237	ug/l	100
61) 1,2-Dibromoethane	11.23	107	37525	20.640	ug/l	100
64) Tetrachloroethene	10.86	164	47904	22.102	ug/l	97
65) Chlorobenzene	11.66	112	137752	20.583	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48194	20.674	ug/l	99
67) Ethyl Benzene	11.73	91	262898	20.626	ug/l	97
68) m/p-Xylenes	11.84	106	188979	40.770	ug/l	99
69) o-Xylene	12.16	106	87246	20.255	ug/l	97
70) Styrene	12.18	104	152387	20.461	ug/l	99
71) Bromoform	12.35	173	23281	19.588	ug/l #	95
73) Isopropylbenzene	12.46	105	242117	20.548	ug/l	100
74) N-amyl acetate	12.27	43	67595	18.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	46799	21.115	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32874m	19.670	ug/l	
77) Bromobenzene	12.74	156	55152	21.176	ug/l	98
78) n-propylbenzene	12.80	91	296551	20.680	ug/l	99
79) 2-Chlorotoluene	12.89	91	173309	20.978	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	205354	20.791	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	13607	18.764	ug/l	97
82) 4-Chlorotoluene	12.99	91	182358	21.038	ug/l	100
83) tert-Butylbenzene	13.21	119	170660	20.661	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	205593	20.663	ug/l	100
85) sec-Butylbenzene	13.38	105	239164	20.293	ug/l	100
86) p-Isopropyltoluene	13.50	119	213393	19.956	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	104791	20.520	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	102229	20.124	ug/l	98
89) n-Butylbenzene	13.82	91	203073	19.030	ug/l	99
90) Hexachloroethane	14.09	117	37629	19.900	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	93047	20.601	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7839	20.740	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	58061	18.240	ug/l	98
94) Hexachlorobutadiene	15.24	225	36301	18.287	ug/l	99
95) Naphthalene	15.36	128	108564	18.757	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	52892	18.956	ug/l	100

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

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