

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012226.D
 Acq On : 27 Aug 2019 23:21
 Operator : SY/VA
 Sample : VW0827SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0827SBSD02

Quant Time: Aug 28 06:59:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	384738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	338756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162468	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	145470	53.74	ug/l	0.00
Spiked Amount			Recovery	=	107.48%	
35) Dibromofluoromethane	7.88	113	116112	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
50) Toluene-d8	10.32	98	467447	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.62	95	165701	50.48	ug/l	0.00
Spiked Amount			Recovery	=	100.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	23756	16.943	ug/l	96
3) Chloromethane	2.21	50	40386	18.591	ug/l	97
4) Vinyl Chloride	2.36	62	47537	17.879	ug/l	99
5) Bromomethane	2.76	94	26231	19.480	ug/l	99
6) Chloroethane	2.92	64	29013	19.344	ug/l	97
7) Trichlorofluoromethane	3.26	101	23559	17.646	ug/l	95
8) Diethyl Ether	3.68	74	27393	21.616	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43760	19.283	ug/l	99
10) Methyl Iodide	4.27	142	61402	19.998	ug/l	99
11) Tert butyl alcohol	5.16	59	22867	140.371	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	43437	19.017	ug/l	99
13) Acrolein	3.89	56	15566	101.509	ug/l	96
14) Allyl chloride	4.67	41	99845	20.447	ug/l	99
15) Acrylonitrile	5.37	53	73085	116.356	ug/l	99
16) Acetone	4.12	43	65007	93.946	ug/l	97
17) Carbon Disulfide	4.38	76	112460	16.292	ug/l	99
18) Methyl Acetate	4.67	43	44788	26.133	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	85150	23.053	ug/l	94
20) Methylene Chloride	4.92	84	60994	23.317	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	48119	19.646	ug/l	95
22) Diisopropyl ether	6.31	45	201325	22.243	ug/l	100
23) Vinyl Acetate	6.25	43	599320	107.593	ug/l	99
24) 1,1-Dichloroethane	6.21	63	103398	20.981	ug/l	99
25) 2-Butanone	7.17	43	105101	111.775	ug/l	98
26) 2,2-Dichloropropane	7.17	77	57640	20.664	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	55918	21.368	ug/l	99
28) Bromochloromethane	7.51	49	49011	22.817	ug/l	98
29) Tetrahydrofuran	7.53	42	66427	117.750	ug/l	99
30) Chloroform	7.68	83	96566	21.417	ug/l	99
31) Cyclohexane	7.95	56	89450	18.346	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	72737	20.393	ug/l	99
36) 1,1-Dichloropropene	8.08	75	73713	18.540	ug/l	100
37) Ethyl Acetate	7.25	43	46645	21.410	ug/l	98
38) Carbon Tetrachloride	8.07	117	63613	18.486	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78834	17.650	ug/l	99
40) Benzene	8.32	78	212004	19.528	ug/l	100
41) Methacrylonitrile	7.48	41	28139	21.975	ug/l	99
42) 1,2-Dichloroethane	8.40	62	69926	20.552	ug/l	97
43) Isopropyl Acetate	8.42	43	86367	21.401	ug/l	98
44) Trichloroethene	9.09	130	51600	19.552	ug/l	96
45) 1,2-Dichloropropane	9.37	63	59588	20.395	ug/l	99
46) Dibromomethane	9.46	93	27066	20.820	ug/l	99
47) Bromodichloromethane	9.65	83	69947	20.217	ug/l	96
48) Methyl methacrylate	9.43	41	40688	21.183	ug/l	96
49) 1,4-Dioxane	9.45	88	8910	447.714	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	228872	111.501	ug/l	99
52) Toluene	10.38	92	131319	20.135	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	72476	20.565	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	85513	20.096	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40154	21.831	ug/l	99
56) Ethyl methacrylate	10.65	69	57213	21.373	ug/l	99
57) 1,3-Dichloropropane	10.93	76	74357	21.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	152475	110.983	ug/l	100
59) 2-Hexanone	10.97	43	152367	104.909	ug/l	99
60) Dibromochloromethane	11.13	129	43172	21.073	ug/l	100
61) 1,2-Dibromoethane	11.23	107	37317	21.778	ug/l	97
64) Tetrachloroethene	10.86	164	43045	19.599	ug/l	98
65) Chlorobenzene	11.66	112	133431	20.003	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	47271	20.314	ug/l	99
67) Ethyl Benzene	11.73	91	251131	19.544	ug/l	99
68) m/p-Xylenes	11.83	106	182202	39.365	ug/l	99
69) o-Xylene	12.16	106	86082	20.095	ug/l	99
70) Styrene	12.18	104	150761	20.332	ug/l	99
71) Bromoform	12.35	173	23187	19.999	ug/l	96
73) Isopropylbenzene	12.46	105	238355	19.579	ug/l	98
74) N-amyl acetate	12.27	43	78066	21.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	47381	21.230	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	32292m	20.408	ug/l	
77) Bromobenzene	12.74	156	53564	20.338	ug/l	100
78) n-propylbenzene	12.80	91	290135	19.522	ug/l	100
79) 2-Chlorotoluene	12.89	91	169079	20.038	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	201591	19.817	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	14501	20.093	ug/l	100
82) 4-Chlorotoluene	12.99	91	176561	19.984	ug/l	100
83) tert-Butylbenzene	13.21	119	174855	20.292	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	200533	19.624	ug/l	98
85) sec-Butylbenzene	13.38	105	242568	19.649	ug/l	100
86) p-Isopropyltoluene	13.50	119	213457	19.361	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	103347	20.062	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	102872	20.112	ug/l	99
89) n-Butylbenzene	13.82	91	208050	18.976	ug/l	100
90) Hexachloroethane	14.09	117	38187	19.742	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	92757	20.525	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8062	21.427	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	62901	20.141	ug/l	99
94) Hexachlorobutadiene	15.23	225	41530	20.139	ug/l	99
95) Naphthalene	15.36	128	118064	21.922	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	58181	21.353	ug/l	100

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

