

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022519\
 Data File : VW008819.D
 Acq On : 25 Feb 2019 21:07
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 26 04:58:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	278223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	397193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	218757	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	141260	54.13	ug/l	0.00
Spiked Amount			Recovery	=	108.26%	
35) Dibromofluoromethane	7.88	113	132235	55.45	ug/l	0.00
Spiked Amount			Recovery	=	110.90%	
50) Toluene-d8	10.32	98	526307	57.17	ug/l	0.00
Spiked Amount			Recovery	=	114.34%	
62) 4-Bromofluorobenzene	12.62	95	202036	56.05	ug/l	0.00
Spiked Amount			Recovery	=	112.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	135672	48.687	ug/l	96
3) Chloromethane	2.21	50	178725	52.689	ug/l	100
4) Vinyl Chloride	2.36	62	181052	50.412	ug/l	98
5) Bromomethane	2.76	94	137794	51.655	ug/l	94
6) Chloroethane	2.91	64	130930	51.339	ug/l	100
7) Trichlorofluoromethane	3.26	101	227146	50.007	ug/l	94
8) Diethyl Ether	3.68	74	73897	51.387	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	136344	49.430	ug/l	99
10) Methyl Iodide	4.27	142	183636	53.239	ug/l	99
11) Tert butyl alcohol	5.17	59	58998	253.958	ug/l	97
12) 1,1-Dichloroethene	4.04	96	121003	49.673	ug/l	98
13) Acrolein	3.90	56	51991	215.166	ug/l	97
14) Allyl chloride	4.67	41	217644	51.766	ug/l	98
15) Acrylonitrile	5.37	53	164235	266.114	ug/l	98
16) Acetone	4.12	43	148702	245.847	ug/l	98
17) Carbon Disulfide	4.38	76	409025	50.607	ug/l	99
18) Methyl Acetate	4.67	43	72464	50.510	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	338136	51.283	ug/l	100
20) Methylene Chloride	4.92	84	152253	51.223	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	142568	50.595	ug/l	97
22) Diisopropyl ether	6.31	45	444197	52.963	ug/l	98
23) Vinyl Acetate	6.26	43	1353603	261.216	ug/l	100
24) 1,1-Dichloroethane	6.21	63	252727	52.001	ug/l	98
25) 2-Butanone	7.17	43	213444	252.408	ug/l	96
26) 2,2-Dichloropropane	7.17	77	211819	48.006	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	156075	51.779	ug/l	98
28) Bromochloromethane	7.51	49	108944	53.568	ug/l	100
29) Tetrahydrofuran	7.53	42	137226	254.643	ug/l	97
30) Chloroform	7.68	83	261299	52.408	ug/l	100
31) Cyclohexane	7.96	56	234529	47.673	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	231718	51.105	ug/l	100
36) 1,1-Dichloropropene	8.08	75	200330	51.813	ug/l	100
37) Ethyl Acetate	7.25	43	91708	51.006	ug/l	99
38) Carbon Tetrachloride	8.07	117	206999	50.766	ug/l	98

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39) Methylcyclohexane	9.34	83	252537	52.365	ug/l	99
40) Benzene	8.32	78	569718	53.968	ug/l	100
41) Methacrylonitrile	7.48	41	54151	51.238	ug/l	93
42) 1,2-Dichloroethane	8.40	62	176712	52.843	ug/l	100
43) Isopropyl Acetate	8.42	43	186347	51.930	ug/l	100
44) Trichloroethene	9.09	130	156450	52.608	ug/l	99
45) 1,2-Dichloropropane	9.37	63	140478	53.850	ug/l	99
46) Dibromomethane	9.46	93	77786	53.607	ug/l	97
47) Bromodichloromethane	9.64	83	191132	54.139	ug/l	99
48) Methyl methacrylate	9.44	41	87907	51.149	ug/l	96
49) 1,4-Dioxane	9.45	88	27205	1170.757	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	484657	266.028	ug/l	99
52) Toluene	10.39	92	394447	55.056	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	191473	53.210	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	221194	53.896	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	104752	53.232	ug/l	96
56) Ethyl methacrylate	10.65	69	139002	54.369	ug/l	99
57) 1,3-Dichloropropane	10.93	76	185040	53.257	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	328520	255.488	ug/l	100
59) 2-Hexanone	10.97	43	350307	270.120	ug/l	100
60) Dibromochloromethane	11.13	129	130469	54.357	ug/l	100
61) 1,2-Dibromoethane	11.24	107	104886	53.847	ug/l	99
64) Tetrachloroethene	10.86	164	150664	53.453	ug/l	98
65) Chlorobenzene	11.66	112	441218	53.289	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	145899	52.114	ug/l	98
67) Ethyl Benzene	11.73	91	791846	53.498	ug/l	99
68) m/p-Xylenes	11.84	106	630072	106.540	ug/l	100
69) o-Xylene	12.16	106	301349	54.289	ug/l	99
70) Styrene	12.18	104	485427	54.357	ug/l	99
71) Bromoform	12.35	173	76029	50.522	ug/l #	97
73) Isopropylbenzene	12.46	105	804440	53.641	ug/l	100
74) N-amyl acetate	12.27	43	206725	54.724	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	125626	51.268	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	91450m	50.633	ug/l	
77) Bromobenzene	12.75	156	189049	53.345	ug/l	99
78) n-propylbenzene	12.80	91	984695	53.678	ug/l	100
79) 2-Chlorotoluene	12.90	91	559046	53.676	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	706805	54.234	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	37037	49.852	ug/l	98
82) 4-Chlorotoluene	12.99	91	586289	53.418	ug/l	99
83) tert-Butylbenzene	13.21	119	598027	53.070	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	727825	53.950	ug/l	100
85) sec-Butylbenzene	13.38	105	873006	53.879	ug/l	99
86) p-Isopropyltoluene	13.50	119	794314	53.475	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	391996	53.313	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	387810	53.515	ug/l	100
89) n-Butylbenzene	13.83	91	761935	54.753	ug/l	99
90) Hexachloroethane	14.10	117	132813	54.618	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	351432	53.642	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23736	53.548	ug/l	96

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93) 1,2,4-Trichlorobenzene	15.14	180	267084	56.581	ug/l	99
94) Hexachlorobutadiene	15.24	225	155752	56.016	ug/l	100
95) Naphthalene	15.37	128	456618	56.814	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	234033	57.342	ug/l	99

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

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