

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
 Data File : VW008278.D
 Acq On : 15 Jan 2019 12:14
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 16 01:04:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	86923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	148195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68746	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	45739	46.82	ug/l	0.00
Spiked Amount			Recovery	=	93.64%	
35) Dibromofluoromethane	7.88	113	45073	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
50) Toluene-d8	10.32	98	186379	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.62	95	66093	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	34873	49.158	ug/l	97
3) Chloromethane	2.21	50	45758	49.718	ug/l	97
4) Vinyl Chloride	2.36	62	62038	51.647	ug/l	99
5) Bromomethane	2.78	94	46769	51.976	ug/l	97
6) Chloroethane	2.92	64	42262	46.756	ug/l	93
7) Trichlorofluoromethane	3.26	101	52826	54.095	ug/l	95
8) Diethyl Ether	3.68	74	25645	46.453	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.06	101	48451	49.973	ug/l	99
10) Methyl Iodide	4.26	142	65630	46.445	ug/l	97
11) Tert butyl alcohol	5.21	59	12809m	209.610	ug/l	
12) 1,1-Dichloroethene	4.03	96	47230	49.616	ug/l	96
13) Acrolein	3.90	56	17758	273.170	ug/l	95
14) Allyl chloride	4.66	41	80734	46.714	ug/l	98
15) Acrylonitrile	5.37	53	50023	238.002	ug/l	98
16) Acetone	4.13	43	51355	296.370	ug/l	93
17) Carbon Disulfide	4.37	76	144766	48.683	ug/l	100
18) Methyl Acetate	4.67	43	31963	51.766	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	68556	44.300	ug/l	99
20) Methylene Chloride	4.90	84	48929	50.962	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	52197	50.459	ug/l	95
22) Diisopropyl ether	6.31	45	155513	47.181	ug/l	98
23) Vinyl Acetate	6.25	43	413601	238.922	ug/l	100
24) 1,1-Dichloroethane	6.21	63	94002	48.946	ug/l	97
25) 2-Butanone	7.17	43	66000	242.812	ug/l	98
26) 2,2-Dichloropropane	7.16	77	63555	48.840	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	56092	49.699	ug/l	97
28) Bromochloromethane	7.51	49	37918	49.917	ug/l	99
29) Tetrahydrofuran	7.53	42	41335	227.655	ug/l	99
30) Chloroform	7.67	83	93219	50.994	ug/l	93
31) Cyclohexane	7.95	56	91972	44.735	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	80007	50.300	ug/l	99
36) 1,1-Dichloropropene	8.08	75	78592	51.483	ug/l	98
37) Ethyl Acetate	7.25	43	27927	45.663	ug/l	99
38) Carbon Tetrachloride	8.07	117	75670	54.157	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99712	51.514	ug/l	93
40) Benzene	8.32	78	216308	52.242	ug/l	98
41) Methacrylonitrile	7.48	41	19044	49.294	ug/l	92
42) 1,2-Dichloroethane	8.40	62	56818	48.791	ug/l	99
43) Isopropyl Acetate	8.42	43	58218	47.610	ug/l	99
44) Trichloroethene	9.09	130	56849	53.636	ug/l	95
45) 1,2-Dichloropropane	9.37	63	53337	51.952	ug/l	100
46) Dibromomethane	9.46	93	26852	53.257	ug/l	99
47) Bromodichloromethane	9.64	83	67429	52.669	ug/l #	95
48) Methyl methacrylate	9.43	41	27982	48.497	ug/l	90
49) 1,4-Dioxane	9.47	88	7225	891.052	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	144736	244.528	ug/l	100
52) Toluene	10.38	92	141396	53.473	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	68726	51.608	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	82254	52.088	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38311	54.120	ug/l	96
56) Ethyl methacrylate	10.65	69	45539	51.946	ug/l	98
57) 1,3-Dichloropropane	10.93	76	66433	51.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	112091	247.529	ug/l	99
59) 2-Hexanone	10.97	43	104813	261.855	ug/l	99
60) Dibromochloromethane	11.13	129	44867	57.719	ug/l	99
61) 1,2-Dibromoethane	11.23	107	36364	54.138	ug/l	99
64) Tetrachloroethene	10.86	164	46473	51.644	ug/l	98
65) Chlorobenzene	11.66	112	150450	51.358	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	51252	53.791	ug/l	99
67) Ethyl Benzene	11.73	91	275891	51.472	ug/l	97
68) m/p-Xylenes	11.84	106	214382	104.788	ug/l	99
69) o-Xylene	12.16	106	99361	52.446	ug/l	96
70) Styrene	12.18	104	161035	54.267	ug/l	99
71) Bromoform	12.35	173	23852	55.935	ug/l #	99
73) Isopropylbenzene	12.47	105	276149	51.165	ug/l	100
74) N-amyl acetate	12.27	43	54743	45.801	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	43210	50.017	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	36286m	57.901	ug/l	
77) Bromobenzene	12.75	156	57797	50.681	ug/l	94
78) n-propylbenzene	12.80	91	335751	50.771	ug/l	99
79) 2-Chlorotoluene	12.90	91	184565	50.025	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	225911	50.936	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13596	50.521	ug/l	99
82) 4-Chlorotoluene	12.99	91	191418	49.261	ug/l	97
83) tert-Butylbenzene	13.21	119	196305	50.030	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	228633	49.981	ug/l	99
85) sec-Butylbenzene	13.39	105	293741	51.105	ug/l	99
86) p-Isopropyltoluene	13.50	119	257856	51.951	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	123180	53.247	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	118236	50.942	ug/l	98
89) n-Butylbenzene	13.83	91	249155	51.254	ug/l	99
90) Hexachloroethane	14.10	117	45516	54.292	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	104775	51.535	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7061	50.788	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	67298	49.857	ug/l	98
94) Hexachlorobutadiene	15.24	225	39209	54.271	ug/l	98
95) Naphthalene	15.38	128	123113	48.847	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	57799	50.230	ug/l	97

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

