

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012819\
 Data File : VW008430.D
 Acq On : 28 Jan 2019 10:23
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/29/2019 12:19:39 PM

Quant Time: Jan 29 04:18:26 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	505303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	762242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	669387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	341638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	222785	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
35) Dibromofluoromethane	7.88	113	218221	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	10.32	98	867757	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
62) 4-Bromofluorobenzene	12.62	95	318149	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	133967	46.146	ug/l	100
3) Chloromethane	2.21	50	178318	43.232	ug/l	99
4) Vinyl Chloride	2.37	62	269216	51.273	ug/l	98
5) Bromomethane	2.78	94	177402	52.383	ug/l	96
6) Chloroethane	2.93	64	167941	52.300	ug/l	96
7) Trichlorofluoromethane	3.26	101	206040	45.578	ug/l	99
8) Diethyl Ether	3.67	74	116549	46.251	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	233521	51.096	ug/l	97
10) Methyl Iodide	4.26	142	369544	51.192	ug/l	99
11) Tert butyl alcohol	5.17	59	83943	210.031	ug/l	98
12) 1,1-Dichloroethene	4.03	96	227311	49.147	ug/l	99
13) Acrolein	3.89	56	77070	219.089	ug/l	99
14) Allyl chloride	4.66	41	400259	45.574	ug/l	99
15) Acrylonitrile	5.36	53	241648	222.076	ug/l	99
16) Acetone	4.12	43	300106	269.209	ug/l	97
17) Carbon Disulfide	4.37	76	719663	48.719	ug/l	97
18) Methyl Acetate	4.67	43	127393	42.845	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	352962	46.124	ug/l	99
20) Methylene Chloride	4.90	84	226020	43.990	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	244318	46.986	ug/l	99
22) Diisopropyl ether	6.31	45	726221	43.629	ug/l	98
23) Vinyl Acetate	6.25	43	2119899	215.685	ug/l	98
24) 1,1-Dichloroethane	6.21	63	430420	45.683	ug/l	100
25) 2-Butanone	7.17	43	364281	235.264	ug/l	98
26) 2,2-Dichloropropane	7.17	77	305266	47.933	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	261270	46.104	ug/l	99
28) Bromochloromethane	7.51	49	195635	45.207	ug/l	96
29) Tetrahydrofuran	7.52	42	211972	216.030	ug/l	98
30) Chloroform	7.67	83	426039	45.972	ug/l	98
31) Cyclohexane	7.95	56	430637	44.202	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	382531	47.790	ug/l	98
36) 1,1-Dichloropropene	8.08	75	356886	49.566	ug/l	99
37) Ethyl Acetate	7.25	43	144190	45.263	ug/l	98
38) Carbon Tetrachloride	8.06	117	374330	51.664	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	471955	49.896	ug/l	100
40) Benzene	8.32	78	963599	48.229	ug/l	99
41) Methacrylonitrile	7.48	41	90672	48.070	ug/l	99
42) 1,2-Dichloroethane	8.40	62	273840	47.295	ug/l	99
43) Isopropyl Acetate	8.42	43	301098	45.496	ug/l	97
44) Trichloroethene	9.09	130	272934	50.235	ug/l	98
45) 1,2-Dichloropropane	9.37	63	233488	46.869	ug/l	100
46) Dibromomethane	9.45	93	121956	47.597	ug/l	98
47) Bromodichloromethane	9.64	83	326566	48.185	ug/l	99
48) Methyl methacrylate	9.43	41	142077	43.905	ug/l	98
49) 1,4-Dioxane	9.44	88	42045	970.784	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	733822	224.440	ug/l	99
52) Toluene	10.38	92	630048	47.771	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	342302	47.466	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	388061	47.417	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	169911	47.808	ug/l	95
56) Ethyl methacrylate	10.65	69	226996	45.582	ug/l	98
57) 1,3-Dichloropropane	10.93	76	300140	47.139	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	562466	232.461	ug/l	97
59) 2-Hexanone	10.97	43	573568	248.493	ug/l	100
60) Dibromochloromethane	11.13	129	218533	47.848	ug/l	99
61) 1,2-Dibromoethane	11.24	107	166589	47.273	ug/l	100
64) Tetrachloroethene	10.86	164	234832	51.814	ug/l	98
65) Chlorobenzene	11.66	112	678634	49.664	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	242888	49.681	ug/l	98
67) Ethyl Benzene	11.73	91	1239872	49.363	ug/l	100
68) m/p-Xylenes	11.84	106	961911	98.703	ug/l	97
69) o-Xylene	12.16	106	453454	48.970	ug/l	98
70) Styrene	12.18	104	729490	47.694	ug/l	99
71) Bromoform	12.35	173	134458	48.881	ug/l	99
73) Isopropylbenzene	12.47	105	1267133	49.750	ug/l	99
74) N-amyl acetate	12.27	43	299915	45.709	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	192825	47.819	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	140185m	47.195	ug/l	
77) Bromobenzene	12.75	156	275324	49.498	ug/l	96
78) n-propylbenzene	12.80	91	1515906	49.554	ug/l	99
79) 2-Chlorotoluene	12.90	91	836592	48.464	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	1050718	49.356	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	69276	46.065	ug/l	97
82) 4-Chlorotoluene	12.99	91	886336	48.226	ug/l	98
83) tert-Butylbenzene	13.21	119	948819	50.085	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1064879	49.213	ug/l	99
85) sec-Butylbenzene	13.39	105	1348508	49.843	ug/l	100
86) p-Isopropyltoluene	13.50	119	1197910	50.548	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	559870	49.839	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	549216	49.195	ug/l	99
89) n-Butylbenzene	13.83	91	1150745	49.454	ug/l	99
90) Hexachloroethane	14.10	117	231062	49.856	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	485046	48.798	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	34399	44.960	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	353074	49.777	ug/l	99
94) Hexachlorobutadiene	15.24	225	213241	49.884	ug/l	100
95) Naphthalene	15.37	128	609550	48.942	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	296575	49.290	ug/l	99

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

