

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010319\
 Data File : VW008012.D
 Acq On : 03 Jan 2019 11:03
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 12:02:05 PM

Quant Time: Jan 04 03:18:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	118727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	106531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52721	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	40666	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	7.88	113	35921	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	10.32	98	138310	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.62	95	51341	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34460	49.607	ug/l	95
3) Chloromethane	2.22	50	25178	48.857	ug/l	99
4) Vinyl Chloride	2.37	62	35538	53.394	ug/l	98
5) Bromomethane	2.79	94	21025	49.721	ug/l	94
6) Chloroethane	2.93	64	17824	52.395	ug/l	98
7) Trichlorofluoromethane	3.26	101	33151	49.618	ug/l	96
8) Diethyl Ether	3.68	74	17075	49.758	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39955	50.322	ug/l	97
10) Methyl Iodide	4.26	142	62341	48.804	ug/l	99
11) Tert butyl alcohol	5.16	59	11765	216.288	ug/l	99
12) 1,1-Dichloroethene	4.03	96	38244	50.321	ug/l	92
13) Acrolein	3.89	56	9212	249.950	ug/l	98
14) Allyl chloride	4.67	41	51343	49.866	ug/l	99
15) Acrylonitrile	5.37	53	31001	245.619	ug/l	100
16) Acetone	4.12	43	35478	273.739	ug/l	94
17) Carbon Disulfide	4.37	76	117479	50.604	ug/l	99
18) Methyl Acetate	4.67	43	17159	51.052	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	55210	46.161	ug/l	99
20) Methylene Chloride	4.91	84	38613	48.225	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	40761	49.294	ug/l	98
22) Diisopropyl ether	6.31	45	92204	49.892	ug/l	99
23) Vinyl Acetate	6.25	43	253866	245.520	ug/l	98
24) 1,1-Dichloroethane	6.21	63	66216	48.223	ug/l	100
25) 2-Butanone	7.17	43	38689	253.362	ug/l	99
26) 2,2-Dichloropropane	7.17	77	53038	46.883	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	41997	47.680	ug/l	98
28) Bromochloromethane	7.51	49	22424	50.809	ug/l #	100
29) Tetrahydrofuran	7.53	42	23129	243.844	ug/l	98
30) Chloroform	7.68	83	73214	47.575	ug/l	97
31) Cyclohexane	7.95	56	61125	47.761	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	71275	48.403	ug/l	99
36) 1,1-Dichloropropene	8.08	75	58842	50.241	ug/l	99
37) Ethyl Acetate	7.25	43	17440	49.574	ug/l	99
38) Carbon Tetrachloride	8.07	117	69321	49.388	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	71725	49.131	ug/l	99
40) Benzene	8.32	78	150828	48.816	ug/l	99
41) Methacrylonitrile	7.48	41	10410	50.328	ug/l	93
42) 1,2-Dichloroethane	8.40	62	49861	48.435	ug/l	100
43) Isopropyl Acetate	8.43	43	34845	49.572	ug/l	99
44) Trichloroethene	9.09	130	44976	49.329	ug/l	98
45) 1,2-Dichloropropane	9.37	63	32379	48.415	ug/l	98
46) Dibromomethane	9.46	93	19323	49.419	ug/l	99
47) Bromodichloromethane	9.65	83	53117	48.501	ug/l	97
48) Methyl methacrylate	9.43	41	17092	48.225	ug/l	99
49) 1,4-Dioxane	9.45	88	6071	1049.194	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	78304	240.657	ug/l	100
52) Toluene	10.39	92	99878	48.966	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	51394	48.803	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	56716	48.264	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	25368	47.918	ug/l	95
56) Ethyl methacrylate	10.65	69	29847	49.870	ug/l	99
57) 1,3-Dichloropropane	10.93	76	43477	48.332	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	57380	202.156	ug/l	99
59) 2-Hexanone	10.97	43	58580	260.789	ug/l	98
60) Dibromochloromethane	11.13	129	34135	47.105	ug/l	98
61) 1,2-Dibromoethane	11.24	107	25679	48.470	ug/l	98
64) Tetrachloroethene	10.87	164	36998	50.278	ug/l	97
65) Chlorobenzene	11.66	112	112562	49.439	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	40353	48.942	ug/l	98
67) Ethyl Benzene	11.73	91	201736	49.919	ug/l	99
68) m/p-Xylenes	11.84	106	153278	98.106	ug/l	96
69) o-Xylene	12.17	106	72860	50.118	ug/l	99
70) Styrene	12.18	104	118486	50.004	ug/l	100
71) Bromoform	12.35	173	18962	49.640	ug/l #	99
73) Isopropylbenzene	12.47	105	210192	50.138	ug/l	99
74) N-amyl acetate	12.27	43	32215	49.366	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	26672	50.003	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	21440m	51.118	ug/l	
77) Bromobenzene	12.75	156	44368	49.239	ug/l	99
78) n-propylbenzene	12.81	91	243425	50.082	ug/l	99
79) 2-Chlorotoluene	12.90	91	140160	49.893	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	181817	50.385	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	8973	50.593	ug/l	97
82) 4-Chlorotoluene	12.99	91	149290	49.978	ug/l	98
83) tert-Butylbenzene	13.21	119	158931	50.340	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	181649	49.698	ug/l	98
85) sec-Butylbenzene	13.39	105	218724	50.361	ug/l	98
86) p-Isopropyltoluene	13.51	119	198577	50.690	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	91525	50.341	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	89655	49.809	ug/l	99
89) n-Butylbenzene	13.83	91	180274	50.310	ug/l	99
90) Hexachloroethane	14.10	117	34341	50.520	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	79253	49.605	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5204	48.068	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	54581	48.641	ug/l	98
94) Hexachlorobutadiene	15.24	225	32266	49.801	ug/l	98
95) Naphthalene	15.38	128	96972	50.742	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	46031	49.855	ug/l	98

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

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