

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008214.D
 Acq On : 12 Jan 2019 01:25
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 1/14/2019 2:42:18 PM

Quant Time: Jan 12 03:23:30 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	94907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	167468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	154635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	75685	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	50088	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	7.88	113	50822	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
50) Toluene-d8	10.32	98	203413	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.62	95	70464	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34274	44.249	ug/l	94
3) Chloromethane	2.21	50	47173	46.944	ug/l	99
4) Vinyl Chloride	2.37	62	61381	46.802	ug/l	97
5) Bromomethane	2.78	94	49112	49.988	ug/l	95
6) Chloroethane	2.93	64	42027	42.585	ug/l	96
7) Trichlorofluoromethane	3.26	101	49387	46.319	ug/l	94
8) Diethyl Ether	3.68	74	29401	48.777	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53503	50.541	ug/l	97
10) Methyl Iodide	4.26	142	81663	52.930	ug/l	99
11) Tert butyl alcohol	5.21	59	16929m	260.145	ug/l	
12) 1,1-Dichloroethene	4.03	96	50598	48.683	ug/l	94
13) Acrolein	3.90	56	18435	259.653	ug/l	99
14) Allyl chloride	4.67	41	93372	49.481	ug/l	99
15) Acrylonitrile	5.37	53	60217	262.401	ug/l	99
16) Acetone	4.13	43	45093	233.816	ug/l	94
17) Carbon Disulfide	4.37	76	159336	49.075	ug/l	98
18) Methyl Acetate	4.67	43	37780	56.040	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	86325	51.090	ug/l	97
20) Methylene Chloride	4.91	84	58639	56.456	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	59120	52.343	ug/l	96
22) Diisopropyl ether	6.31	45	186496	51.821	ug/l	98
23) Vinyl Acetate	6.26	43	476235	251.960	ug/l	99
24) 1,1-Dichloroethane	6.22	63	106782	50.923	ug/l	99
25) 2-Butanone	7.18	43	72134	243.054	ug/l	100
26) 2,2-Dichloropropane	7.16	77	65040	45.777	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	65870	53.453	ug/l	94
28) Bromochloromethane	7.51	49	41601	50.158	ug/l	92
29) Tetrahydrofuran	7.53	42	51527	259.914	ug/l	99
30) Chloroform	7.68	83	106104	53.160	ug/l	96
31) Cyclohexane	7.96	56	96250	42.877	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	89306	51.423	ug/l	99
36) 1,1-Dichloropropene	8.08	75	84284	48.858	ug/l	98
37) Ethyl Acetate	7.25	43	34021	49.226	ug/l	97
38) Carbon Tetrachloride	8.06	117	79107	50.101	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	105088	48.043	ug/l	92
40) Benzene	8.32	78	244703	52.299	ug/l	98
41) Methacrylonitrile	7.49	41	21811	49.959	ug/l	94
42) 1,2-Dichloroethane	8.40	62	67660	51.414	ug/l	99
43) Isopropyl Acetate	8.43	43	68227	49.375	ug/l	99
44) Trichloroethene	9.09	130	63606	53.105	ug/l	99
45) 1,2-Dichloropropane	9.37	63	62064	53.496	ug/l	92
46) Dibromomethane	9.46	93	30838	54.124	ug/l	96
47) Bromodichloromethane	9.65	83	77934	53.868	ug/l #	97
48) Methyl methacrylate	9.44	41	32641	50.061	ug/l	89
49) 1,4-Dioxane	9.47	88	10021	1093.648	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	170350	254.680	ug/l	100
52) Toluene	10.39	92	157347	52.657	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	77196	51.297	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	92596	51.889	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	43354	54.196	ug/l	98
56) Ethyl methacrylate	10.65	69	53174	53.675	ug/l	99
57) 1,3-Dichloropropane	10.93	76	78685	53.783	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	130349	254.721	ug/l	98
59) 2-Hexanone	10.97	43	112814	249.408	ug/l	98
60) Dibromochloromethane	11.13	129	51673	58.824	ug/l	100
61) 1,2-Dibromoethane	11.24	107	41900	55.201	ug/l	100
64) Tetrachloroethene	10.86	164	54586	54.241	ug/l	92
65) Chlorobenzene	11.66	112	172652	52.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	57369	53.840	ug/l	99
67) Ethyl Benzene	11.73	91	303405	50.616	ug/l	99
68) m/p-Xylenes	11.84	106	238168	104.097	ug/l	95
69) o-Xylene	12.17	106	110706	52.251	ug/l	97
70) Styrene	12.18	104	181572	54.713	ug/l	98
71) Bromoform	12.35	173	27730	58.148	ug/l #	96
73) Isopropylbenzene	12.47	105	300270	50.534	ug/l	99
74) N-amyl acetate	12.27	43	62783	47.712	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	49493	52.038	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	36250m	52.540	ug/l	
77) Bromobenzene	12.75	156	66827	53.226	ug/l	91
78) n-propylbenzene	12.81	91	362146	49.741	ug/l	99
79) 2-Chlorotoluene	12.90	91	203718	50.153	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	252731	51.759	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14035	47.370	ug/l	99
82) 4-Chlorotoluene	12.99	91	213171	49.830	ug/l	98
83) tert-Butylbenzene	13.21	119	219586	50.832	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	254469	50.529	ug/l	98
85) sec-Butylbenzene	13.39	105	316087	49.951	ug/l	99
86) p-Isopropyltoluene	13.50	119	274431	50.222	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	137141	53.847	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	134178	52.510	ug/l	99
89) n-Butylbenzene	13.83	91	263279	49.194	ug/l	98
90) Hexachloroethane	14.10	117	49167	53.270	ug/l	94
91) 1,2-Dichlorobenzene	13.88	146	118090	52.758	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7736	50.541	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	78739	52.985	ug/l	99
94) Hexachlorobutadiene	15.24	225	44747	56.257	ug/l	99
95) Naphthalene	15.38	128	147931	53.312	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	68249	53.874	ug/l	97

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

