

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008212.D
 Acq On : 11 Jan 2019 23:42
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 7.09G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 1/14/2019 2:42:15 PM

Quant Time: Jan 12 01:22:32 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	106135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	181869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	166441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	58825	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	7.88	113	58184	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
50) Toluene-d8	10.32	98	228131	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.62	95	78510	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	39128	45.172	ug/l	98
3) Chloromethane	2.21	50	49792	44.308	ug/l	99
4) Vinyl Chloride	2.37	62	63819	43.513	ug/l	96
5) Bromomethane	2.78	94	51782	47.130	ug/l	98
6) Chloroethane	2.92	64	43268	39.204	ug/l	99
7) Trichlorofluoromethane	3.26	101	49374	41.408	ug/l	87
8) Diethyl Ether	3.68	74	32876	48.772	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54878	46.356	ug/l	94
10) Methyl Iodide	4.26	142	88861	51.502	ug/l	99
11) Tert butyl alcohol	5.21	59	18487	253.316	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	55519	47.767	ug/l	93
13) Acrolein	3.89	56	18128	228.136	ug/l	98
14) Allyl chloride	4.66	41	99789	47.287	ug/l	99
15) Acrylonitrile	5.37	53	66546	259.304	ug/l	100
16) Acetone	4.14	43	54872	256.459	ug/l	92
17) Carbon Disulfide	4.37	76	171479	47.228	ug/l	100
18) Methyl Acetate	4.67	43	43495	57.691	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	96525	51.083	ug/l	95
20) Methylene Chloride	4.91	84	64833	55.756	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	62266	49.297	ug/l	93
22) Diisopropyl ether	6.31	45	200508	49.820	ug/l	99
23) Vinyl Acetate	6.25	43	528562	250.061	ug/l	99
24) 1,1-Dichloroethane	6.21	63	113373	48.347	ug/l	95
25) 2-Butanone	7.18	43	79825	240.514	ug/l	99
26) 2,2-Dichloropropane	7.16	77	67935	42.756	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	68286	49.551	ug/l	95
28) Bromochloromethane	7.51	49	47233	50.924	ug/l	92
29) Tetrahydrofuran	7.53	42	57639	259.987	ug/l	99
30) Chloroform	7.67	83	112252	50.290	ug/l	97
31) Cyclohexane	7.95	56	102260	40.735	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	93916	48.356	ug/l	99
36) 1,1-Dichloropropene	8.08	75	90845	48.491	ug/l	98
37) Ethyl Acetate	7.26	43	37838	50.413	ug/l	98
38) Carbon Tetrachloride	8.07	117	83872	48.913	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	110661	46.585	ug/l	95
40) Benzene	8.32	78	255504	50.283	ug/l	99
41) Methacrylonitrile	7.48	41	25090	52.919	ug/l	96
42) 1,2-Dichloroethane	8.40	62	71653	50.137	ug/l	98
43) Isopropyl Acetate	8.43	43	76097	50.709	ug/l	99
44) Trichloroethene	9.09	130	67252	51.703	ug/l	93
45) 1,2-Dichloropropane	9.37	63	64011	50.805	ug/l	92
46) Dibromomethane	9.46	93	32957	53.263	ug/l	96
47) Bromodichloromethane	9.65	83	81950	52.159	ug/l	99
48) Methyl methacrylate	9.44	41	35747	50.483	ug/l	88
49) 1,4-Dioxane	9.47	88	10351	1040.213	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	191741	263.962	ug/l	100
52) Toluene	10.39	92	164645	50.736	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	83569	51.135	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	98413	50.781	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	46695	53.750	ug/l	98
56) Ethyl methacrylate	10.65	69	60172	55.929	ug/l	98
57) 1,3-Dichloropropane	10.93	76	83661	52.656	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	157111	282.707	ug/l	98
59) 2-Hexanone	10.97	43	127082	258.705	ug/l	100
60) Dibromochloromethane	11.13	129	55802	58.494	ug/l	100
61) 1,2-Dibromoethane	11.24	107	45481	55.174	ug/l	100
64) Tetrachloroethene	10.86	164	57210	52.816	ug/l	95
65) Chlorobenzene	11.66	112	179316	50.853	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	61461	53.589	ug/l	99
67) Ethyl Benzene	11.73	91	316949	49.125	ug/l	97
68) m/p-Xylenes	11.84	106	245477	99.681	ug/l	97
69) o-Xylene	12.17	106	115586	50.685	ug/l	96
70) Styrene	12.18	104	188179	52.682	ug/l	98
71) Bromoform	12.35	173	30164	58.765	ug/l #	96
73) Isopropylbenzene	12.47	105	312542	49.368	ug/l	100
74) N-amyl acetate	12.27	43	70773	50.480	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	53410	52.707	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	38340m	52.156	ug/l	
77) Bromobenzene	12.75	156	71699	53.599	ug/l	89
78) n-propylbenzene	12.81	91	372498	48.021	ug/l	98
79) 2-Chlorotoluene	12.90	91	210576	48.658	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	256359	49.277	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16587	52.545	ug/l	95
82) 4-Chlorotoluene	12.99	91	217742	47.772	ug/l	97
83) tert-Butylbenzene	13.21	119	225808	49.062	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	262899	48.997	ug/l	98
85) sec-Butylbenzene	13.39	105	324797	48.175	ug/l	99
86) p-Isopropyltoluene	13.50	119	282676	48.553	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	141779	52.249	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	139367	51.191	ug/l	97
89) n-Butylbenzene	13.83	91	270133	47.374	ug/l	99
90) Hexachloroethane	14.10	117	51429	52.299	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	125199	52.499	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8657	53.085	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	84752	53.528	ug/l	96
94) Hexachlorobutadiene	15.24	225	45852	54.106	ug/l	98
95) Naphthalene	15.37	128	160464	54.277	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	73008	54.090	ug/l	98

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

