

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008166.D
 Acq On : 10 Jan 2019 23:49
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 2:27:58 PM

Quant Time: Jan 11 07:05:15 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	101855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	178722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80294	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	57532	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
35) Dibromofluoromethane	7.88	113	56140	53.86	ug/l	0.00
Spiked Amount			Recovery	=	107.72%	
50) Toluene-d8	10.32	98	220336	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.62	95	75963	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	38792	46.666	ug/l	98
3) Chloromethane	2.21	50	49612	46.003	ug/l	97
4) Vinyl Chloride	2.37	62	64440	45.782	ug/l	98
5) Bromomethane	2.78	94	49850	47.278	ug/l	99
6) Chloroethane	2.93	64	44138	41.673	ug/l	96
7) Trichlorofluoromethane	3.26	101	49700	43.433	ug/l	86
8) Diethyl Ether	3.67	74	34070	52.667	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54796	48.231	ug/l	98
10) Methyl Iodide	4.26	142	86373	52.164	ug/l	99
11) Tert butyl alcohol	5.21	59	19022	273.801	ug/l #	100
12) 1,1-Dichloroethene	4.04	96	55530	49.784	ug/l	93
13) Acrolein	3.89	56	24870	326.781	ug/l	96
14) Allyl chloride	4.67	41	102329	50.529	ug/l	99
15) Acrylonitrile	5.37	53	69341	281.548	ug/l	99
16) Acetone	4.13	43	51090	248.128	ug/l	92
17) Carbon Disulfide	4.37	76	168935	48.483	ug/l	99
18) Methyl Acetate	4.67	43	43406	59.993	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	95783	52.821	ug/l	96
20) Methylene Chloride	4.90	84	61854	55.398	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	62718	51.741	ug/l	94
22) Diisopropyl ether	6.31	45	206691	53.514	ug/l	99
23) Vinyl Acetate	6.26	43	547245	269.779	ug/l	98
24) 1,1-Dichloroethane	6.21	63	116345	51.699	ug/l	97
25) 2-Butanone	7.17	43	85017	266.922	ug/l	100
26) 2,2-Dichloropropane	7.16	77	68008	44.601	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	69566	52.601	ug/l	95
28) Bromochloromethane	7.51	49	44291	49.758	ug/l #	94
29) Tetrahydrofuran	7.53	42	60424	284.001	ug/l	99
30) Chloroform	7.68	83	113302	52.894	ug/l	97
31) Cyclohexane	7.95	56	106437	44.181	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	93001	49.897	ug/l	99
36) 1,1-Dichloropropene	8.08	75	88936	48.308	ug/l	99
37) Ethyl Acetate	7.25	43	40231	54.546	ug/l	99
38) Carbon Tetrachloride	8.07	117	84552	50.178	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	112140	48.039	ug/l	96
40) Benzene	8.32	78	263657	52.801	ug/l	97
41) Methacrylonitrile	7.48	41	23580	50.610	ug/l	98
42) 1,2-Dichloroethane	8.40	62	73462	52.308	ug/l	98
43) Isopropyl Acetate	8.43	43	80377	54.505	ug/l	99
44) Trichloroethene	9.09	130	65447	51.201	ug/l	94
45) 1,2-Dichloropropane	9.37	63	66565	53.762	ug/l	95
46) Dibromomethane	9.46	93	34151	56.164	ug/l	96
47) Bromodichloromethane	9.64	83	85338	55.272	ug/l	99
48) Methyl methacrylate	9.43	41	39629	56.951	ug/l	94
49) 1,4-Dioxane	9.46	88	10870	1111.604	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	198031	277.422	ug/l	100
52) Toluene	10.39	92	167612	52.560	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	85032	52.946	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	100550	52.798	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	48377	56.667	ug/l	97
56) Ethyl methacrylate	10.65	69	61596	58.261	ug/l	98
57) 1,3-Dichloropropane	10.93	76	85745	54.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	142707	261.310	ug/l	97
59) 2-Hexanone	10.97	43	133377	276.301	ug/l	99
60) Dibromochloromethane	11.13	129	55307	58.996	ug/l	99
61) 1,2-Dibromoethane	11.23	107	46738	57.697	ug/l	98
64) Tetrachloroethene	10.86	164	56813	52.961	ug/l	97
65) Chlorobenzene	11.66	112	180180	51.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	61496	54.142	ug/l	99
67) Ethyl Benzene	11.73	91	320393	50.142	ug/l	100
68) m/p-Xylenes	11.84	106	246534	101.086	ug/l	99
69) o-Xylene	12.17	106	119085	52.728	ug/l	94
70) Styrene	12.18	104	190708	53.910	ug/l	98
71) Bromoform	12.35	173	30156	59.322	ug/l #	97
73) Isopropylbenzene	12.47	105	313154	49.677	ug/l	99
74) N-amyl acetate	12.27	43	74105	53.083	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	54931	54.440	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39500m	53.964	ug/l	
77) Bromobenzene	12.75	156	70718	53.092	ug/l	92
78) n-propylbenzene	12.80	91	379508	49.134	ug/l	99
79) 2-Chlorotoluene	12.90	91	213026	49.435	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	260324	50.253	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16357	52.039	ug/l	98
82) 4-Chlorotoluene	12.99	91	220275	48.534	ug/l	97
83) tert-Butylbenzene	13.21	119	228027	49.756	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	262894	49.206	ug/l	97
85) sec-Butylbenzene	13.39	105	328180	48.885	ug/l	99
86) p-Isopropyltoluene	13.50	119	284664	49.104	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	142177	52.620	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	139797	51.568	ug/l	98
89) n-Butylbenzene	13.83	91	271833	47.876	ug/l	99
90) Hexachloroethane	14.10	117	51152	52.240	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	123405	51.968	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8674	53.417	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	82053	52.045	ug/l	95
94) Hexachlorobutadiene	15.24	225	43522	51.576	ug/l	99
95) Naphthalene	15.38	128	157572	53.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	70572	52.510	ug/l	96

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

