

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007598.D
 Acq On : 15 Dec 2018 23:03
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/17/2018 4:40:19 PM

Quant Time: Dec 16 02:37:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	73339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	122617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	110286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55471	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	38626	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
35) Dibromofluoromethane	7.88	113	35798	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
50) Toluene-d8	10.32	98	132372	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	12.62	95	50126	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	23775	46.390	ug/l	97
3) Chloromethane	2.21	50	17472	40.706	ug/l	100
4) Vinyl Chloride	2.37	62	21647	42.976	ug/l	93
5) Bromomethane	2.78	94	15099	44.615	ug/l	94
6) Chloroethane	2.93	64	12448	44.895	ug/l	95
7) Trichlorofluoromethane	3.25	101	21640	47.786	ug/l	96
8) Diethyl Ether	3.67	74	17791	50.195	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	35609	47.655	ug/l	97
10) Methyl Iodide	4.27	142	58930	47.618	ug/l	98
11) Tert butyl alcohol	5.17	59	13288	237.797	ug/l	98
12) 1,1-Dichloroethene	4.03	96	34665	48.184	ug/l	99
13) Acrolein	3.89	56	8750	236.645	ug/l	99
14) Allyl chloride	4.67	41	48479	45.715	ug/l	98
15) Acrylonitrile	5.36	53	37536	251.218	ug/l	99
16) Acetone	4.12	43	35567	250.263	ug/l	92
17) Carbon Disulfide	4.37	76	100752	46.187	ug/l	100
18) Methyl Acetate	4.67	43	19285	49.997	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	53323	49.132	ug/l	100
20) Methylene Chloride	4.91	84	37417	47.987	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	38140	47.391	ug/l	97
22) Diisopropyl ether	6.31	45	95429	46.817	ug/l	98
23) Vinyl Acetate	6.26	43	277911	243.755	ug/l	98
24) 1,1-Dichloroethane	6.21	63	66501	48.271	ug/l	98
25) 2-Butanone	7.17	43	48020	258.818	ug/l	99
26) 2,2-Dichloropropane	7.16	77	43942	48.195	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	42869	48.647	ug/l	99
28) Bromochloromethane	7.51	49	26145	50.454	ug/l	99
29) Tetrahydrofuran	7.53	42	29371	250.058	ug/l	95
30) Chloroform	7.68	83	73823	49.241	ug/l	99
31) Cyclohexane	7.95	56	54985	43.502	ug/l	90
32) 1,1,1-Trichloroethane	7.87	97	64893	49.359	ug/l	99
36) 1,1-Dichloropropene	8.08	75	55670	49.770	ug/l	99
37) Ethyl Acetate	7.25	43	20115	48.350	ug/l	99
38) Carbon Tetrachloride	8.07	117	62161	51.074	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	67782	50.044	ug/l	92
40) Benzene	8.32	78	154018	49.616	ug/l	98
41) Methacrylonitrile	7.49	41	12438	52.501	ug/l	95
42) 1,2-Dichloroethane	8.40	62	50131	51.410	ug/l	99
43) Isopropyl Acetate	8.43	43	41579	50.596	ug/l	99
44) Trichloroethene	9.09	130	44669	50.392	ug/l	100
45) 1,2-Dichloropropane	9.37	63	35304	49.146	ug/l	96
46) Dibromomethane	9.46	93	21137	51.814	ug/l	97
47) Bromodichloromethane	9.65	83	53758	50.240	ug/l	91
48) Methyl methacrylate	9.44	41	20927	49.584	ug/l	94
49) 1,4-Dioxane	9.45	88	7410	1119.494	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	103868	267.498	ug/l	99
52) Toluene	10.39	92	101004	50.279	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	53865	51.852	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	59727	49.736	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	29879	53.816	ug/l	98
56) Ethyl methacrylate	10.65	69	35396	53.041	ug/l	100
57) 1,3-Dichloropropane	10.93	76	49697	54.535	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	91838	298.428	ug/l	100
59) 2-Hexanone	10.97	43	72358	279.467	ug/l	98
60) Dibromochloromethane	11.13	129	37554	53.598	ug/l	96
61) 1,2-Dibromoethane	11.24	107	29228	53.271	ug/l	96
64) Tetrachloroethene	10.87	164	38661	48.747	ug/l	93
65) Chlorobenzene	11.66	112	116141	50.524	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.73	131	41130	50.803	ug/l	99
67) Ethyl Benzene	11.73	91	201688	51.033	ug/l	95
68) m/p-Xylenes	11.84	106	155973	101.518	ug/l	99
69) o-Xylene	12.17	106	73555	51.261	ug/l	98
70) Styrene	12.18	104	121788	52.547	ug/l	98
71) Bromoform	12.35	173	20693	49.936	ug/l	# 97
73) Isopropylbenzene	12.47	105	205274	48.295	ug/l	98
74) N-amyl acetate	12.27	43	37573	48.640	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	31754	50.441	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	25500m	55.753	ug/l	
77) Bromobenzene	12.75	156	46717	49.586	ug/l	97
78) n-propylbenzene	12.81	91	239185	50.003	ug/l	100
79) 2-Chlorotoluene	12.90	91	140534	48.555	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	179523	50.267	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9772	47.196	ug/l	95
82) 4-Chlorotoluene	12.99	91	146826	48.125	ug/l	97
83) tert-Butylbenzene	13.21	119	155391	49.379	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	179314	48.791	ug/l	99
85) sec-Butylbenzene	13.39	105	213504	49.700	ug/l	96
86) p-Isopropyltoluene	13.51	119	192909	49.985	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	92091	49.025	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	91717	48.567	ug/l	97
89) n-Butylbenzene	13.83	91	177562	49.630	ug/l	100
90) Hexachloroethane	14.10	117	34030	49.557	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	83470	49.612	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6269	49.622	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	56099	48.451	ug/l	95
94) Hexachlorobutadiene	15.24	225	30196	49.152	ug/l	98
95) Naphthalene	15.37	128	112957	50.996	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	48603	48.323	ug/l	97

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

