

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006194.D
 Acq On : 18 Oct 2018 23:37
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 6.28G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 10/19/2018 12:51:09 PM

Quant Time: Oct 19 07:56:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	268281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	392333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	363765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	205183	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112325	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	7.89	113	115124	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.33	98	429375	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.62	95	165197	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	69491	52.34	ug/l	95
3) Chloromethane	2.22	50	81874	47.91	ug/l	99
4) Vinyl Chloride	2.37	62	123530	50.62	ug/l	100
5) Bromomethane	2.79	94	105466	47.51	ug/l	99
6) Chloroethane	2.93	64	90706	51.86	ug/l	99
7) Trichlorofluoromethane	3.26	101	108400	47.68	ug/l	99
8) Diethyl Ether	3.68	74	60746	50.27	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	120934	50.76	ug/l	99
10) Methyl Iodide	4.27	142	216454	54.58	ug/l	99
11) Tert butyl alcohol	5.26	59	35794	239.29	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	115697	51.61	ug/l	93
13) Acrolein	3.90	56	27558	190.39	ug/l	95
14) Allyl chloride	4.67	41	164746	51.40	ug/l	100
15) Acrylonitrile	5.38	53	114524	264.26	ug/l	100
16) Acetone	4.15	43	99181	236.91	ug/l	97
17) Carbon Disulfide	4.38	76	324858	48.02	ug/l	99
18) Methyl Acetate	4.68	43	57905	51.73	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	185151	54.23	ug/l	99
20) Methylene Chloride	4.92	84	129945	55.39	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	133786	53.47	ug/l	100
22) Diisopropyl ether	6.32	45	344077	54.32	ug/l	99
23) Vinyl Acetate	6.26	43	974289	260.65	ug/l	99
24) 1,1-Dichloroethane	6.22	63	220234	53.89	ug/l	99
25) 2-Butanone	7.18	43	149916	249.50	ug/l	99
26) 2,2-Dichloropropane	7.17	77	135511	47.01	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	149713	54.22	ug/l	100
28) Bromochloromethane	7.52	49	88575	56.14	ug/l	96
29) Tetrahydrofuran	7.54	42	95230	257.84	ug/l	99
30) Chloroform	7.68	83	242566	54.48	ug/l	96
31) Cyclohexane	7.96	56	189113	46.47	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	210847	52.49	ug/l	100
36) 1,1-Dichloropropene	8.09	75	183601	50.77	ug/l	100
37) Ethyl Acetate	7.26	43	68636	51.09	ug/l	100
38) Carbon Tetrachloride	8.07	117	196882	49.66	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	232435	48.35	ug/l	99
40) Benzene	8.33	78	526100	53.04	ug/l	99
41) Methacrylonitrile	7.49	41	41285	50.97	ug/l	96
42) 1,2-Dichloroethane	8.41	62	156066	53.55	ug/l	99
43) Isopropyl Acetate	8.43	43	139571	50.81	ug/l	99
44) Trichloroethene	9.10	130	159592	52.44	ug/l	100
45) 1,2-Dichloropropane	9.37	63	124801	52.58	ug/l	100
46) Dibromomethane	9.46	93	72108	53.30	ug/l	99
47) Bromodichloromethane	9.65	83	171562	52.31	ug/l	99
48) Methyl methacrylate	9.44	41	67780	52.05	ug/l	94
49) 1,4-Dioxane	9.49	88	23258	1116.71	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	351154	255.12	ug/l	99
52) Toluene	10.39	92	351435	52.84	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	167367	51.21	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	194212	51.78	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	102244	54.01	ug/l	98
56) Ethyl methacrylate	10.65	69	122734	52.88	ug/l	98
57) 1,3-Dichloropropane	10.94	76	167455	53.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	215391	242.87	ug/l	99
59) 2-Hexanone	10.98	43	241490	245.79	ug/l	98
60) Dibromochloromethane	11.13	129	124262	52.69	ug/l	100
61) 1,2-Dibromoethane	11.24	107	101681	53.75	ug/l	100
64) Tetrachloroethene	10.87	164	148402	52.55	ug/l	99
65) Chlorobenzene	11.66	112	410357	52.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	145113	52.44	ug/l	99
67) Ethyl Benzene	11.74	91	699158	51.81	ug/l	99
68) m/p-Xylenes	11.85	106	552396	103.56	ug/l	100
69) o-Xylene	12.17	106	268798	52.88	ug/l	99
70) Styrene	12.19	104	442290	53.50	ug/l	99
71) Bromoform	12.35	173	75592	48.97	ug/l #	99
73) Isopropylbenzene	12.47	105	737411	50.87	ug/l	99
74) N-amyl acetate	12.28	43	139710	49.62	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	116204	52.71	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	79252m	50.57	ug/l	
77) Bromobenzene	12.76	156	186413	52.50	ug/l	100
78) n-propylbenzene	12.81	91	851709	50.50	ug/l	100
79) 2-Chlorotoluene	12.90	91	492743	52.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	617933	50.57	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	29089	44.37	ug/l	94
82) 4-Chlorotoluene	12.99	91	508294	51.21	ug/l	100
83) tert-Butylbenzene	13.21	119	550269	50.33	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	636060	51.44	ug/l	100
85) sec-Butylbenzene	13.39	105	774726	50.16	ug/l	100
86) p-Isopropyltoluene	13.51	119	706828	50.59	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	369489	52.29	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	362851	51.58	ug/l	100
89) n-Butylbenzene	13.83	91	630124	49.32	ug/l	99
90) Hexachloroethane	14.10	117	112250	47.43	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	327503	51.96	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19483	49.36	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	246403	50.81	ug/l	100
94) Hexachlorobutadiene	15.24	225	148243	48.66	ug/l	99
95) Naphthalene	15.38	128	430330	53.34	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	217357	51.82	ug/l	100

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

