

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006819.D
 Acq On : 12 Nov 2018 20:47
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 11/13/2018 3:56:00 PM

Quant Time: Nov 13 13:45:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	310021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	414877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	412481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	242234	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	103512	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
35) Dibromofluoromethane	7.89	113	109348	44.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.52%	
50) Toluene-d8	10.33	98	469735	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
62) 4-Bromofluorobenzene	12.62	95	178430	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	118719	46.385	ug/l	100
3) Chloromethane	2.21	50	142196	49.281	ug/l	99
4) Vinyl Chloride	2.36	62	150995	48.750	ug/l	100
5) Bromomethane	2.78	94	109985	52.782	ug/l	99
6) Chloroethane	2.92	64	95969	48.017	ug/l	99
7) Trichlorofluoromethane	3.26	101	189162	46.267	ug/l	97
8) Diethyl Ether	3.69	74	58972	49.155	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	121615	43.868	ug/l	100
10) Methyl Iodide	4.28	142	192566	49.561	ug/l	99
11) Tert butyl alcohol	5.21	59	39411	264.916	ug/l	98
12) 1,1-Dichloroethene	4.04	96	108954	46.528	ug/l	98
13) Acrolein	3.90	56	35514	228.250	ug/l	99
14) Allyl chloride	4.68	41	148384	48.177	ug/l	100
15) Acrylonitrile	5.38	53	119157	262.260	ug/l	99
16) Acetone	4.14	43	86696	266.365	ug/l	99
17) Carbon Disulfide	4.39	76	362300	48.922	ug/l	99
18) Methyl Acetate	4.68	43	55688	50.018	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	288818	51.950	ug/l	100
20) Methylene Chloride	4.92	84	149436	50.483	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	128402	46.494	ug/l	98
22) Diisopropyl ether	6.32	45	325016	50.811	ug/l	98
23) Vinyl Acetate	6.26	43	937335	259.938	ug/l	99
24) 1,1-Dichloroethane	6.23	63	202055	47.629	ug/l	100
25) 2-Butanone	7.18	43	142087	258.134	ug/l	97
26) 2,2-Dichloropropane	7.18	77	184917	43.322	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	142520	48.405	ug/l	99
28) Bromochloromethane	7.51	49	74333	50.093	ug/l	98
29) Tetrahydrofuran	7.54	42	90991	258.308	ug/l	99
30) Chloroform	7.68	83	222433	48.021	ug/l	100
31) Cyclohexane	7.96	56	195709	45.068	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	206813	46.256	ug/l	99
36) 1,1-Dichloropropene	8.09	75	183319	47.217	ug/l	99
37) Ethyl Acetate	7.26	43	66071	52.043	ug/l	99
38) Carbon Tetrachloride	8.07	117	191711	45.432	ug/l	98

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39) Methylcyclohexane	9.34	83	237148	47.081	ug/l	98
40) Benzene	8.33	78	523077	48.452	ug/l	99
41) Methacrylonitrile	7.49	41	36141	46.364	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	140528	48.585	ug/l	100
43) Isopropyl Acetate	8.43	43	128083	51.875	ug/l	99
44) Trichloroethene	9.10	130	160828	47.213	ug/l	99
45) 1,2-Dichloropropane	9.37	63	123494	49.081	ug/l	98
46) Dibromomethane	9.46	93	69323	49.496	ug/l	99
47) Bromodichloromethane	9.65	83	166686	47.981	ug/l	100
48) Methyl methacrylate	9.44	41	61301	50.640	ug/l	99
49) 1,4-Dioxane	9.47	88	22818	1078.334	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	330199	266.709	ug/l	99
52) Toluene	10.39	92	384116	50.188	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	170621	49.889	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	202181	49.855	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	103867	49.976	ug/l	97
56) Ethyl methacrylate	10.65	69	125252	54.990	ug/l	97
57) 1,3-Dichloropropane	10.93	76	165621	50.319	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	276210	242.124	ug/l	99
59) 2-Hexanone	10.98	43	235161	275.377	ug/l	100
60) Dibromochloromethane	11.13	129	129548	50.940	ug/l	100
61) 1,2-Dibromoethane	11.24	107	100635	50.984	ug/l	99
64) Tetrachloroethene	10.87	164	159286	48.188	ug/l	98
65) Chlorobenzene	11.66	112	446625	48.807	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	141645	47.703	ug/l	100
67) Ethyl Benzene	11.74	91	764751	49.022	ug/l	99
68) m/p-Xylenes	11.84	106	623006	97.606	ug/l	100
69) o-Xylene	12.17	106	292464	49.233	ug/l	98
70) Styrene	12.19	104	482724	50.770	ug/l	99
71) Bromoform	12.35	173	81154	50.080	ug/l #	100
73) Isopropylbenzene	12.47	105	801471	47.666	ug/l	99
74) N-amyl acetate	12.28	43	132719	52.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	116397	50.042	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	90926m	52.086	ug/l	
77) Bromobenzene	12.75	156	204686	48.284	ug/l	100
78) n-propylbenzene	12.81	91	938878	47.311	ug/l	100
79) 2-Chlorotoluene	12.90	91	528512	47.469	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	690689	47.783	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	34681	49.141	ug/l	98
82) 4-Chlorotoluene	12.99	91	563810	47.461	ug/l	100
83) tert-Butylbenzene	13.21	119	608405	47.617	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	710634	48.309	ug/l	99
85) sec-Butylbenzene	13.39	105	852264	47.072	ug/l	99
86) p-Isopropyltoluene	13.51	119	788803	47.897	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	413621	47.874	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	407754	47.702	ug/l	99
89) n-Butylbenzene	13.83	91	712204	47.321	ug/l	100
90) Hexachloroethane	14.10	117	125144	47.490	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	362835	48.223	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19278	51.769	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.14	180	273361	48.121	ug/l	99
94) Hexachlorobutadiene	15.24	225	168633	46.848	ug/l	100
95) Naphthalene	15.38	128	437892	51.541	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	237243	48.666	ug/l	99

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

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