

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110318\
 Data File : VW006575.D
 Acq On : 01 Nov 2018 23:26
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/2/2018 1:01:22 PM

Quant Time: Nov 02 08:16:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	361639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194496	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	106974	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	7.88	113	112385	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	10.33	98	425227	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.62	95	155016	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	66424	50.955	ug/l	99
3) Chloromethane	2.22	50	80374	49.832	ug/l	98
4) Vinyl Chloride	2.37	62	117293	52.082	ug/l	99
5) Bromomethane	2.78	94	98527	52.130	ug/l	99
6) Chloroethane	2.93	64	80326	51.047	ug/l	97
7) Trichlorofluoromethane	3.26	101	103631	52.108	ug/l	97
8) Diethyl Ether	3.68	74	53405	49.125	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	109732	51.671	ug/l	99
10) Methyl Iodide	4.26	142	189730	49.273	ug/l	99
11) Tert butyl alcohol	5.17	59	32317	277.485	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	101528	49.499	ug/l	98
13) Acrolein	3.89	56	40578	277.021	ug/l	99
14) Allyl chloride	4.67	41	138498	51.729	ug/l	99
15) Acrylonitrile	5.37	53	105484	270.610	ug/l	99
16) Acetone	4.12	43	94328	270.293	ug/l	98
17) Carbon Disulfide	4.38	76	305799	52.391	ug/l	100
18) Methyl Acetate	4.67	43	52998	52.812	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	154587	50.632	ug/l	97
20) Methylene Chloride	4.92	84	113083	50.000	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	118520	51.065	ug/l	99
22) Diisopropyl ether	6.31	45	297161	53.238	ug/l	99
23) Vinyl Acetate	6.26	43	834927	269.738	ug/l	100
24) 1,1-Dichloroethane	6.21	63	196563	51.960	ug/l	99
25) 2-Butanone	7.17	43	136443	273.989	ug/l	100
26) 2,2-Dichloropropane	7.17	77	115445	50.661	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	134567	51.824	ug/l	100
28) Bromochloromethane	7.51	49	78230	52.079	ug/l	97
29) Tetrahydrofuran	7.53	42	86095	274.868	ug/l	99
30) Chloroform	7.68	83	216463	52.191	ug/l	98
31) Cyclohexane	7.96	56	169556	49.246	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	183348	52.243	ug/l	100
36) 1,1-Dichloropropene	8.09	75	165597	52.070	ug/l	99
37) Ethyl Acetate	7.26	43	60133	54.562	ug/l	99
38) Carbon Tetrachloride	8.07	117	176894	53.231	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	207769	51.481	ug/l	100
40) Benzene	8.32	78	480961	53.244	ug/l	100
41) Methacrylonitrile	7.49	41	32620	48.268	ug/l	91
42) 1,2-Dichloroethane	8.40	62	136000	52.498	ug/l	100
43) Isopropyl Acetate	8.43	43	118760	54.001	ug/l	98
44) Trichloroethene	9.10	130	142725	51.202	ug/l	96
45) 1,2-Dichloropropane	9.37	63	112231	53.388	ug/l	96
46) Dibromomethane	9.46	93	63569	51.442	ug/l	99
47) Bromodichloromethane	9.65	83	153258	53.413	ug/l	99
48) Methyl methacrylate	9.44	41	58174	54.903	ug/l	99
49) 1,4-Dioxane	9.45	88	20269	1120.771	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	307834	272.544	ug/l	99
52) Toluene	10.39	92	313829	51.798	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	145237	52.595	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	171404	52.526	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	91578	52.231	ug/l	95
56) Ethyl methacrylate	10.65	69	104109	52.241	ug/l	95
57) 1,3-Dichloropropane	10.93	76	146893	51.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	248861	256.892	ug/l	99
59) 2-Hexanone	10.97	43	210105	273.883	ug/l	99
60) Dibromochloromethane	11.13	129	109235	52.583	ug/l	97
61) 1,2-Dibromoethane	11.24	107	90300	51.862	ug/l	100
64) Tetrachloroethene	10.87	164	136573	52.621	ug/l	97
65) Chlorobenzene	11.66	112	362725	52.942	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	130032	53.997	ug/l	99
67) Ethyl Benzene	11.74	91	617005	53.879	ug/l	97
68) m/p-Xylenes	11.84	106	496726	108.569	ug/l	97
69) o-Xylene	12.17	106	231465	53.141	ug/l	99
70) Styrene	12.18	104	382785	53.903	ug/l	100
71) Bromoform	12.35	173	68247	53.463	ug/l #	97
73) Isopropylbenzene	12.47	105	632212	49.344	ug/l	99
74) N-amyl acetate	12.28	43	113709	51.359	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	103035	50.916	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	79151m	52.158	ug/l	
77) Bromobenzene	12.75	156	167438	50.474	ug/l	98
78) n-propylbenzene	12.81	91	770877	52.309	ug/l	98
79) 2-Chlorotoluene	12.90	91	432145	51.095	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	563039	52.307	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	27635	47.312	ug/l	99
82) 4-Chlorotoluene	12.99	91	443373	49.551	ug/l	99
83) tert-Butylbenzene	13.21	119	497475	51.825	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	555319	50.297	ug/l	99
85) sec-Butylbenzene	13.39	105	692093	51.479	ug/l	100
86) p-Isopropyltoluene	13.51	119	645215	52.744	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	334536	51.207	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	324024	50.036	ug/l	99
89) n-Butylbenzene	13.83	91	553363	50.958	ug/l	99
90) Hexachloroethane	14.10	117	106852	53.146	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	301058	51.231	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16225	49.413	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	208713	47.764	ug/l	98
94) Hexachlorobutadiene	15.24	225	132669	48.715	ug/l	99
95) Naphthalene	15.38	128	351009	49.980	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	183984	47.908	ug/l	99

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

