

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006787.D
 Acq On : 09 Nov 2018 14:23
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 11/12/2018 3:40:55 PM

Quant Time: Nov 09 14:49:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 09 13:58:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	318754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	420540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	412454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	237222	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	215011	78.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.94%	
35) Dibromofluoromethane	7.89	113	231226	87.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	175.22%	
50) Toluene-d8	10.33	98	970019	96.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.10%	
62) 4-Bromofluorobenzene	12.62	95	357214	98.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	250374	151.520	ug/l	98
3) Chloromethane	2.21	50	298242	145.874	ug/l	100
4) Vinyl Chloride	2.35	62	317740	111.302	ug/l	100
5) Bromomethane	2.78	94	201510	84.110	ug/l	98
6) Chloroethane	2.92	64	202788	101.666	ug/l	99
7) Trichlorofluoromethane	3.26	101	407877	161.795	ug/l	96
8) Diethyl Ether	3.69	74	121637	88.268	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	259661	96.458	ug/l	100
10) Methyl Iodide	4.28	142	406889	83.362	ug/l	99
11) Tert butyl alcohol	5.21	59	82714	560.284	ug/l	98
12) 1,1-Dichloroethene	4.04	96	236229	90.857	ug/l	99
13) Acrolein	3.90	56	84787	456.638	ug/l	99
14) Allyl chloride	4.67	41	320745	94.508	ug/l	99
15) Acrylonitrile	5.38	53	259481	525.149	ug/l	99
16) Acetone	4.15	43	168422	380.726	ug/l	100
17) Carbon Disulfide	4.39	76	792709	107.140	ug/l	100
18) Methyl Acetate	4.68	43	119636	94.050	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	586398	151.519	ug/l	99
20) Methylene Chloride	4.92	84	274465	79.685	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	273701	93.031	ug/l	99
22) Diisopropyl ether	6.32	45	677860	95.806	ug/l	99
23) Vinyl Acetate	6.26	43	1987671	506.592	ug/l	100
24) 1,1-Dichloroethane	6.22	63	427938	89.243	ug/l	99
25) 2-Butanone	7.18	43	290657	460.451	ug/l	100
26) 2,2-Dichloropropane	7.17	77	385277	133.380	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	298051	90.553	ug/l	99
28) Bromochloromethane	7.52	49	159800	83.925	ug/l	100
29) Tetrahydrofuran	7.54	42	196388	494.632	ug/l	99
30) Chloroform	7.68	83	464997	88.447	ug/l	99
31) Cyclohexane	7.96	56	405167	92.836	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	426612	95.896	ug/l	99
36) 1,1-Dichloropropene	8.09	75	377043	101.952	ug/l	100
37) Ethyl Acetate	7.26	43	138981	108.444	ug/l	99
38) Carbon Tetrachloride	8.07	117	396059	102.490	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	521185	111.052	ug/l	98
40) Benzene	8.33	78	1090396	103.804	ug/l	100
41) Methacrylonitrile	7.49	41	86678	110.295	ug/l	91
42) 1,2-Dichloroethane	8.40	62	288071	95.625	ug/l	99
43) Isopropyl Acetate	8.43	43	276187	107.994	ug/l	99
44) Trichloroethene	9.10	130	329257	101.576	ug/l	97
45) 1,2-Dichloropropane	9.37	63	251037	102.692	ug/l	99
46) Dibromomethane	9.46	93	142321	99.040	ug/l	98
47) Bromodichloromethane	9.65	83	342496	102.648	ug/l	99
48) Methyl methacrylate	9.44	41	134254	108.959	ug/l	98
49) 1,4-Dioxane	9.48	88	45348	2156.307	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	711059	541.370	ug/l	99
52) Toluene	10.39	92	781135	110.871	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	364506	113.511	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	416202	109.680	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	216264	106.069	ug/l	99
56) Ethyl methacrylate	10.65	69	263890	113.872	ug/l	97
57) 1,3-Dichloropropane	10.94	76	344221	103.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	635526	564.151	ug/l	100
59) 2-Hexanone	10.98	43	494323	554.124	ug/l	98
60) Dibromochloromethane	11.13	129	270528	111.986	ug/l	100
61) 1,2-Dibromoethane	11.24	107	211849	104.630	ug/l	100
64) Tetrachloroethene	10.87	164	318350	96.826	ug/l	99
65) Chlorobenzene	11.66	112	892575	102.840	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	297901	97.653	ug/l	100
67) Ethyl Benzene	11.74	91	1559191	107.478	ug/l	100
68) m/p-Xylenes	11.85	106	1273505	219.726	ug/l	99
69) o-Xylene	12.17	106	596763	108.152	ug/l	100
70) Styrene	12.19	104	988273	109.858	ug/l	100
71) Bromoform	12.35	173	174516	107.920	ug/l #	100
73) Isopropylbenzene	12.47	105	1648190	105.471	ug/l	100
74) N-amyl acetate	12.28	43	280391	103.834	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	239956	97.221	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	182971m	98.857	ug/l	
77) Bromobenzene	12.75	156	405070	100.115	ug/l	99
78) n-propylbenzene	12.81	91	1922615	106.963	ug/l	99
79) 2-Chlorotoluene	12.90	91	1062093	102.960	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1388343	105.749	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	75475	118.419	ug/l	98
82) 4-Chlorotoluene	12.99	91	1130844	103.620	ug/l	100
83) tert-Butylbenzene	13.21	119	1224548	104.593	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1419088	105.382	ug/l	100
85) sec-Butylbenzene	13.39	105	1727353	105.342	ug/l	100
86) p-Isopropyltoluene	13.51	119	1587153	106.375	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	812685	101.991	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	795401	100.704	ug/l	99
89) n-Butylbenzene	13.83	91	1442718	108.929	ug/l	99
90) Hexachloroethane	14.10	117	252640	103.025	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	703038	98.087	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	38662	96.537	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	523600	98.245	ug/l	100
94) Hexachlorobutadiene	15.24	225	310918	93.604	ug/l	99
95) Naphthalene	15.38	128	890116	103.916	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	451409	96.372	ug/l	99

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

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