

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\
 Data File : VW005243.D
 Acq On : 10 Sep 2018 15:49
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 9/11/2018 11:09:30 AM

Quant Time: Sep 11 03:40:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:46:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	495230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	702624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	711862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	379765	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	252695	68.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.82%	
35) Dibromofluoromethane	7.89	113	263326	71.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.08%	
50) Toluene-d8	10.33	98	1410814	75.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.72%	
62) 4-Bromofluorobenzene	12.63	95	509806	74.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	269934	63.19	ug/l	99
3) Chloromethane	2.22	50	369327	64.66	ug/l	99
4) Vinyl Chloride	2.36	62	343160	65.45	ug/l	98
5) Bromomethane	2.76	94	226795	63.57	ug/l	98
6) Chloroethane	2.92	64	198441	68.71	ug/l	99
7) Trichlorofluoromethane	3.26	101	388282	65.46	ug/l	95
8) Diethyl Ether	3.69	74	144486	68.35	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	276933	65.37	ug/l	99
10) Methyl Iodide	4.28	142	380480	81.56	ug/l	100
11) Tert butyl alcohol	5.17	59	96481	318.51	ug/l	100
12) 1,1-Dichloroethene	4.04	96	264763	67.87	ug/l	99
13) Acrolein	3.90	56	100947	344.99	ug/l	100
14) Allyl chloride	4.68	41	417175	69.60	ug/l	100
15) Acrylonitrile	5.38	53	335254	351.54	ug/l	99
16) Acetone	4.13	43	228874	333.82	ug/l	99
17) Carbon Disulfide	4.38	76	982204	71.73	ug/l	99
18) Methyl Acetate	4.68	43	139863	68.34	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	645776	69.50	ug/l	100
20) Methylene Chloride	4.93	84	357839	61.58	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	311472	68.38	ug/l	91
22) Diisopropyl ether	6.32	45	856106	70.94	ug/l	93
23) Vinyl Acetate	6.27	43	2358155	350.66	ug/l	99
24) 1,1-Dichloroethane	6.23	63	500617	67.39	ug/l	98
25) 2-Butanone	7.18	43	364490	337.04	ug/l	91
26) 2,2-Dichloropropane	7.18	77	420176	65.24	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	331765	68.06	ug/l	99
28) Bromochloromethane	7.52	49	187227	68.32	ug/l #	99
29) Tetrahydrofuran	7.54	42	238252	326.91	ug/l	98
30) Chloroform	7.68	83	496413	66.59	ug/l	100
31) Cyclohexane	7.96	56	539638	68.27	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	452756	67.23	ug/l	99
36) 1,1-Dichloropropene	8.09	75	462270	71.81	ug/l	99
37) Ethyl Acetate	7.26	43	160458	65.53	ug/l	100
38) Carbon Tetrachloride	8.08	117	415357	68.88	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	624618	73.08	ug/l	99
40) Benzene	8.34	78	1368731	72.17	ug/l	99
41) Methacrylonitrile	7.49	41	87816	69.91	ug/l	93
42) 1,2-Dichloroethane	8.41	62	307285	67.73	ug/l	99
43) Isopropyl Acetate	8.43	43	323891	71.23	ug/l	98
44) Trichloroethene	9.10	130	375319	72.14	ug/l	98
45) 1,2-Dichloropropane	9.38	63	332270	72.89	ug/l	94
46) Dibromomethane	9.46	93	151161	67.75	ug/l	99
47) Bromodichloromethane	9.65	83	375366	68.77	ug/l	97
48) Methyl methacrylate	9.44	41	166588	70.56	ug/l	94
49) 1,4-Dioxane	9.45	88	61064	1465.80	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	952265	372.17	ug/l	100
52) Toluene	10.40	92	1014956	73.64	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	446521	75.70	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	524659	74.27	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	250887	70.52	ug/l	99
56) Ethyl methacrylate	10.65	69	347566	77.06	ug/l	98
57) 1,3-Dichloropropane	10.94	76	423615	71.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	765806	390.65	ug/l	98
59) 2-Hexanone	10.98	43	688125	373.04	ug/l	100
60) Dibromochloromethane	11.13	129	294361	74.57	ug/l	99
61) 1,2-Dibromoethane	11.24	107	238014	72.95	ug/l	98
64) Tetrachloroethene	10.87	164	373179	70.66	ug/l	98
65) Chlorobenzene	11.66	112	1118880	71.75	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	334339	71.81	ug/l	99
67) Ethyl Benzene	11.74	91	1985159	73.10	ug/l	100
68) m/p-Xylenes	11.85	106	1586369	144.96	ug/l	98
69) o-Xylene	12.17	106	747722	73.44	ug/l	99
70) Styrene	12.19	104	1231867	74.15	ug/l	99
71) Bromoform	12.35	173	182399	72.25	ug/l #	99
73) Isopropylbenzene	12.47	105	2029357	75.63	ug/l	100
74) N-amyl acetate	12.28	43	390531	76.50	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	284936	70.66	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	202283m	41.01	ug/l	
77) Bromobenzene	12.76	156	464756	73.52	ug/l	99
78) n-propylbenzene	12.81	91	2357320	73.15	ug/l	99
79) 2-Chlorotoluene	12.90	91	1369169	74.09	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1715746	75.09	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	93716	75.24	ug/l	99
82) 4-Chlorotoluene	12.99	91	1420126	73.11	ug/l	100
83) tert-Butylbenzene	13.21	119	1521899	76.16	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1704945	74.26	ug/l	98
85) sec-Butylbenzene	13.40	105	2154465	75.02	ug/l	100
86) p-Isopropyltoluene	13.51	119	1899977	74.73	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	956978	72.10	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	923344	70.82	ug/l	99
89) n-Butylbenzene	13.83	91	1797452	75.21	ug/l	98
90) Hexachloroethane	14.10	117	305088	74.90	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	855856	73.36	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	48472	72.28	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	615330	74.56	ug/l	99
94) Hexachlorobutadiene	15.25	225	386378	73.11	ug/l	99
95) Naphthalene	15.38	128	1034725	77.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	521462	73.43	ug/l	99

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

