

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW005001.D
 Acq On : 29 Aug 2018 13:53
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 8/30/2018 12:43:39 PM

Quant Time: Aug 30 01:39:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:20:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	507645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	709682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	711028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	397555	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	229741	66.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.32%	
35) Dibromofluoromethane	7.89	113	233469	66.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.78%	
50) Toluene-d8	10.33	98	1422467	73.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.34%	
62) 4-Bromofluorobenzene	12.62	95	519552	73.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	286415	65.309	ug/l	99
3) Chloromethane	2.21	50	417136	66.973	ug/l	99
4) Vinyl Chloride	2.36	62	422517	67.960	ug/l	98
5) Bromomethane	2.76	94	265235	65.266	ug/l	96
6) Chloroethane	2.92	64	248693	67.646	ug/l	98
7) Trichlorofluoromethane	3.26	101	412692	64.199	ug/l	98
8) Diethyl Ether	3.69	74	124376	68.047	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	255353	64.358	ug/l	100
10) Methyl Iodide	4.28	142	445859	82.161	ug/l	100
11) Tert butyl alcohol	5.18	59	80650	389.100	ug/l	100
12) 1,1-Dichloroethene	4.04	96	243364	65.652	ug/l	98
13) Acrolein	3.90	56	111985	378.196	ug/l	100
14) Allyl chloride	4.68	41	389666	68.266	ug/l	99
15) Acrylonitrile	5.38	53	345289	370.437	ug/l	100
16) Acetone	4.14	43	282967	361.347	ug/l	98
17) Carbon Disulfide	4.38	76	1104383	70.879	ug/l	99
18) Methyl Acetate	4.68	43	130581	68.844	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	573562	72.002	ug/l	99
20) Methylene Chloride	4.92	84	382877	58.025	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	267679	66.505	ug/l	98
22) Diisopropyl ether	6.32	45	904859	77.655	ug/l	98
23) Vinyl Acetate	6.26	43	2254717	378.472	ug/l	100
24) 1,1-Dichloroethane	6.23	63	465218	65.987	ug/l	100
25) 2-Butanone	7.18	43	436226	357.222	ug/l	99
26) 2,2-Dichloropropane	7.17	77	395467	63.908	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	292584	66.822	ug/l	99
28) Bromochloromethane	7.52	49	208955	67.403	ug/l	98
29) Tetrahydrofuran	7.54	42	226575	367.287	ug/l	99
30) Chloroform	7.68	83	454487	65.540	ug/l	99
31) Cyclohexane	7.96	56	512940	68.648	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	426058	66.774	ug/l	99
36) 1,1-Dichloropropene	8.09	75	434249	72.216	ug/l	99
37) Ethyl Acetate	7.26	43	159629	73.649	ug/l	99
38) Carbon Tetrachloride	8.07	117	385428	66.232	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	642217	77.476	ug/l	97
40) Benzene	8.33	78	1411714	73.344	ug/l	99
41) Methacrylonitrile	7.49	41	84028	66.526	ug/l #	91
42) 1,2-Dichloroethane	8.41	62	282343	65.923	ug/l	99
43) Isopropyl Acetate	8.43	43	324294	75.194	ug/l	98
44) Trichloroethene	9.10	130	353234	71.849	ug/l	98
45) 1,2-Dichloropropane	9.37	63	317922	72.192	ug/l	99
46) Dibromomethane	9.46	93	140173	67.251	ug/l	97
47) Bromodichloromethane	9.65	83	347802	67.531	ug/l	99
48) Methyl methacrylate	9.44	41	187090	81.704	ug/l	98
49) 1,4-Dioxane	9.46	88	65274	1509.098	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	1263716	391.232	ug/l	100
52) Toluene	10.39	92	1049642	73.504	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	421050	76.550	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	472135	73.611	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	243403	71.345	ug/l	98
56) Ethyl methacrylate	10.65	69	360263	80.507	ug/l	99
57) 1,3-Dichloropropane	10.94	76	415213	73.962	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	776660	402.854	ug/l	99
59) 2-Hexanone	10.98	43	918446	392.717	ug/l	99
60) Dibromochloromethane	11.13	129	278627	74.414	ug/l	100
61) 1,2-Dibromoethane	11.24	107	242119	75.700	ug/l	100
64) Tetrachloroethene	10.87	164	380588	73.415	ug/l	98
65) Chlorobenzene	11.66	112	1150458	73.645	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	323926	75.497	ug/l	99
67) Ethyl Benzene	11.74	91	2051029	76.677	ug/l	100
68) m/p-Xylenes	11.85	106	1676686	153.683	ug/l	99
69) o-Xylene	12.17	106	771952	77.435	ug/l	99
70) Styrene	12.19	104	1302325	78.751	ug/l	100
71) Bromoform	12.35	173	183905	77.087	ug/l	100
73) Isopropylbenzene	12.47	105	2081495	78.542	ug/l	100
74) N-amyl acetate	12.28	43	405146	81.010	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	308334	76.841	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	204124m	41.133	ug/l	
77) Bromobenzene	12.75	156	485805	74.712	ug/l	99
78) n-propylbenzene	12.81	91	2550054	78.007	ug/l	99
79) 2-Chlorotoluene	12.90	91	1426895	75.575	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1833784	78.318	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	99733	80.051	ug/l	98
82) 4-Chlorotoluene	12.99	91	1526608	75.889	ug/l	100
83) tert-Butylbenzene	13.21	119	1554651	79.052	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1849664	77.855	ug/l	100
85) sec-Butylbenzene	13.39	105	2256748	78.173	ug/l	100
86) p-Isopropyltoluene	13.51	119	2029526	78.471	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	1021754	74.123	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	995367	72.898	ug/l	99
89) n-Butylbenzene	13.83	91	1910200	78.676	ug/l	100
90) Hexachloroethane	14.10	117	306727	75.446	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	895176	73.773	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	51945	74.954	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	638798	75.144	ug/l	100
94) Hexachlorobutadiene	15.24	225	390394	73.365	ug/l	99
95) Naphthalene	15.38	128	1122006	80.449	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	557269	74.205	ug/l	99

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

