

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW005003.D
 Acq On : 29 Aug 2018 14:44
 Operator : SY/AP
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

apatel
 8/30/2018 12:43:48 PM

Quant Time: Aug 30 01:45:20 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	504548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	702731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	740933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	412366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	501689	145.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.72%	
35) Dibromofluoromethane	7.89	113	532611	152.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.90%	
50) Toluene-d8	10.33	98	2972800	155.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	310.98%	
62) 4-Bromofluorobenzene	12.62	95	1104056	158.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	577020	132.380	ug/l	98
3) Chloromethane	2.21	50	880636	142.257	ug/l	99
4) Vinyl Chloride	2.36	62	866056	140.157	ug/l	97
5) Bromomethane	2.74	94	552200	136.714	ug/l	96
6) Chloroethane	2.90	64	509242	139.367	ug/l	98
7) Trichlorofluoromethane	3.25	101	937390	146.718	ug/l	99
8) Diethyl Ether	3.68	74	277966	153.010	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	525349	133.220	ug/l	99
10) Methyl Iodide	4.27	142	940491	174.374	ug/l	99
11) Tert butyl alcohol	5.18	59	185918	902.475	ug/l	100
12) 1,1-Dichloroethene	4.04	96	537403	145.865	ug/l	99
13) Acrolein	3.90	56	250054	849.667	ug/l	100
14) Allyl chloride	4.67	41	892801	157.372	ug/l	98
15) Acrylonitrile	5.37	53	756149	816.200	ug/l	99
16) Acetone	4.13	43	613931	788.798	ug/l	98
17) Carbon Disulfide	4.38	76	2325176	150.145	ug/l	99
18) Methyl Acetate	4.68	43	288245	152.898	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	1265893	159.889	ug/l	100
20) Methylene Chloride	4.92	84	772020	117.718	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	589510	147.362	ug/l	98
22) Diisopropyl ether	6.32	45	1872864	161.717	ug/l	97
23) Vinyl Acetate	6.26	43	4867964	822.141	ug/l	100
24) 1,1-Dichloroethane	6.22	63	1016179	145.020	ug/l	99
25) 2-Butanone	7.18	43	935060	770.413	ug/l	100
26) 2,2-Dichloropropane	7.17	77	821378	133.551	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	650980	149.588	ug/l	99
28) Bromochloromethane	7.52	49	459134	149.013	ug/l	99
29) Tetrahydrofuran	7.53	42	502512	819.593	ug/l	99
30) Chloroform	7.68	83	993944	144.214	ug/l	99
31) Cyclohexane	7.96	56	1052944	141.782	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	890749	140.460	ug/l	99
36) 1,1-Dichloropropene	8.09	75	879041	147.631	ug/l	100
37) Ethyl Acetate	7.26	43	330648	154.062	ug/l	100
38) Carbon Tetrachloride	8.07	117	806510	139.961	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1327234	161.698	ug/l	97
40) Benzene	8.33	78	2742822	143.910	ug/l	99
41) Methacrylonitrile	7.49	41	194094	155.188	ug/l	98
42) 1,2-Dichloroethane	8.41	62	597888	140.978	ug/l	99
43) Isopropyl Acetate	8.43	43	680367	159.317	ug/l	99
44) Trichloroethene	9.10	130	709387	145.719	ug/l	97
45) 1,2-Dichloropropane	9.37	63	641126	147.024	ug/l	100
46) Dibromomethane	9.46	93	297794	144.285	ug/l	99
47) Bromodichloromethane	9.65	83	747135	146.503	ug/l	99
48) Methyl methacrylate	9.44	41	387783	171.023	ug/l	99
49) 1,4-Dioxane	9.45	88	137127	3201.657	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	2567230	802.648	ug/l	99
52) Toluene	10.39	92	2121309	150.019	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	871550	160.022	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	989477	155.795	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	484953	143.553	ug/l	99
56) Ethyl methacrylate	10.65	69	752233	169.763	ug/l	99
57) 1,3-Dichloropropane	10.94	76	832765	149.808	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	1634011	855.945	ug/l	99
59) 2-Hexanone	10.98	43	1874885	809.609	ug/l	100
60) Dibromochloromethane	11.13	129	573068	154.566	ug/l	99
61) 1,2-Dibromoethane	11.24	107	488162	154.136	ug/l	100
64) Tetrachloroethene	10.87	164	750662	138.957	ug/l	97
65) Chlorobenzene	11.66	112	2364324	145.240	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	677919	151.624	ug/l	99
67) Ethyl Benzene	11.74	91	4261092	152.871	ug/l	100
68) m/p-Xylenes	11.85	106	3462258	304.538	ug/l	99
69) o-Xylene	12.17	106	1636725	157.554	ug/l	99
70) Styrene	12.19	104	2726186	158.198	ug/l	99
71) Bromoform	12.35	173	386209	155.352	ug/l	100
73) Isopropylbenzene	12.47	105	4337308	157.782	ug/l	100
74) N-amyl acetate	12.28	43	865966	166.933	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	617814	148.438	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	419152m	81.429	ug/l	
77) Bromobenzene	12.76	156	1005811	149.128	ug/l	100
78) n-propylbenzene	12.81	91	5237934	154.476	ug/l	99
79) 2-Chlorotoluene	12.90	91	2972705	151.793	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	3835741	157.934	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	208731	161.521	ug/l	99
82) 4-Chlorotoluene	12.99	91	3110181	149.057	ug/l	100
83) tert-Butylbenzene	13.21	119	3218504	157.779	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	3903594	158.407	ug/l	99
85) sec-Butylbenzene	13.39	105	4607700	153.877	ug/l	100
86) p-Isopropyltoluene	13.51	119	4227930	157.600	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	2072583	144.955	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	2048850	144.663	ug/l	100
89) n-Butylbenzene	13.83	91	4005221	159.040	ug/l	99
90) Hexachloroethane	14.10	117	641435	152.108	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	1850004	146.986	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	116221	161.678	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	1465587	166.210	ug/l	100
94) Hexachlorobutadiene	15.25	225	815229	147.699	ug/l	99
95) Naphthalene	15.38	128	2644706	182.818	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	1290663	165.689	ug/l	100

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

