

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122118\
 Data File : VW007702.D
 Acq On : 19 Dec 2018 15:19
 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
 12/20/2018 11:19:42 AM

Quant Time: Dec 20 06:26:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 05:57:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	118001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	106157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53397	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	61251	75.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.50%	
35) Dibromofluoromethane	7.88	113	54559	75.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.58%	
50) Toluene-d8	10.32	98	209905	77.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	154.70%	
62) 4-Bromofluorobenzene	12.62	95	78912	75.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	43428	65.777	ug/l	94
3) Chloromethane	2.21	50	28638	70.639	ug/l	95
4) Vinyl Chloride	2.37	62	35498	68.784	ug/l	93
5) Bromomethane	2.78	94	24872	69.194	ug/l	99
6) Chloroethane	2.93	64	19407	70.290	ug/l	96
7) Trichlorofluoromethane	3.26	101	39822	74.117	ug/l	98
8) Diethyl Ether	3.68	74	23452	71.263	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54326	69.535	ug/l	97
10) Methyl Iodide	4.26	142	87472	69.511	ug/l	100
11) Tert butyl alcohol	5.17	59	17847	325.019	ug/l	97
12) 1,1-Dichloroethene	4.03	96	50882	69.441	ug/l	95
13) Acrolein	3.89	56	13957	317.896	ug/l	98
14) Allyl chloride	4.66	41	67403	70.147	ug/l	100
15) Acrylonitrile	5.37	53	49718	354.166	ug/l	99
16) Acetone	4.12	43	51766	339.607	ug/l	95
17) Carbon Disulfide	4.37	76	156868	69.182	ug/l	100
18) Methyl Acetate	4.67	43	26166	72.180	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	74235	70.570	ug/l	99
20) Methylene Chloride	4.91	84	53130	57.831	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	56522	70.138	ug/l	95
22) Diisopropyl ether	6.31	45	127863	71.066	ug/l	95
23) Vinyl Acetate	6.26	43	380878	356.305	ug/l	99
24) 1,1-Dichloroethane	6.21	63	91137	68.855	ug/l	99
25) 2-Butanone	7.17	43	61606	345.056	ug/l	96
26) 2,2-Dichloropropane	7.17	77	66285	68.436	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	59962	69.840	ug/l	99
28) Bromochloromethane	7.51	49	32940	72.991	ug/l	98
29) Tetrahydrofuran	7.53	42	38281	359.460	ug/l	100
30) Chloroform	7.68	83	103537	69.121	ug/l	97
31) Cyclohexane	7.95	56	82482	68.069	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	95795	70.219	ug/l	100
36) 1,1-Dichloropropene	8.08	75	79898	70.152	ug/l	99
37) Ethyl Acetate	7.25	43	27104	68.957	ug/l	98
38) Carbon Tetrachloride	8.07	117	95401	71.126	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102080	72.130	ug/l	98
40) Benzene	8.32	78	215035	70.754	ug/l	99
41) Methacrylonitrile	7.49	41	16503	73.952	ug/l	98
42) 1,2-Dichloroethane	8.40	62	71315	70.020	ug/l	100
43) Isopropyl Acetate	8.43	43	56290	71.482	ug/l	98
44) Trichloroethene	9.09	130	63831	69.450	ug/l	98
45) 1,2-Dichloropropane	9.37	63	47625	70.622	ug/l	98
46) Dibromomethane	9.46	93	29712	71.574	ug/l	97
47) Bromodichloromethane	9.65	83	77129	70.675	ug/l	99
48) Methyl methacrylate	9.44	41	28455	72.392	ug/l	100
49) 1,4-Dioxane	9.45	88	9992	1518.178	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	132048	354.817	ug/l	100
52) Toluene	10.39	92	141679	69.481	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	77796	71.668	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	84220	70.241	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	40245	70.324	ug/l	98
56) Ethyl methacrylate	10.65	69	49574	73.317	ug/l	98
57) 1,3-Dichloropropane	10.93	76	67069	70.577	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	122857	397.964	ug/l	97
59) 2-Hexanone	10.97	43	95080	363.279	ug/l	99
60) Dibromochloromethane	11.13	129	53262	70.291	ug/l	100
61) 1,2-Dibromoethane	11.24	107	40440	69.780	ug/l	99
64) Tetrachloroethene	10.86	164	53035	70.551	ug/l	96
65) Chlorobenzene	11.66	112	159287	69.325	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	58776	71.590	ug/l	99
67) Ethyl Benzene	11.73	91	281035	71.278	ug/l	98
68) m/p-Xylenes	11.84	106	217622	142.285	ug/l	100
69) o-Xylene	12.17	106	101978	71.130	ug/l	100
70) Styrene	12.18	104	169508	71.926	ug/l	100
71) Bromoform	12.35	173	30946	72.609	ug/l	# 100
73) Isopropylbenzene	12.47	105	293629	72.749	ug/l	100
74) N-amyl acetate	12.27	43	51586	73.786	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	43495	71.873	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33260m	41.146	ug/l	
77) Bromobenzene	12.75	156	65001	70.271	ug/l	98
78) n-propylbenzene	12.81	91	339030	72.158	ug/l	99
79) 2-Chlorotoluene	12.90	91	195776	71.528	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	254830	73.195	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14362	73.046	ug/l	96
82) 4-Chlorotoluene	12.99	91	208379	71.502	ug/l	99
83) tert-Butylbenzene	13.21	119	223755	73.248	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	253788	72.241	ug/l	100
85) sec-Butylbenzene	13.39	105	307298	72.992	ug/l	99
86) p-Isopropyltoluene	13.51	119	275359	71.928	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	128557	69.998	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	128680	70.045	ug/l	99
89) n-Butylbenzene	13.83	91	255448	72.777	ug/l	100
90) Hexachloroethane	14.10	117	47709	70.986	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	116603	70.911	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9198	74.011	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	81579	71.471	ug/l	99
94) Hexachlorobutadiene	15.24	225	43108	70.669	ug/l	99
95) Naphthalene	15.37	128	155392	73.635	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	69976	71.619	ug/l	100

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

