

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122618\
 Data File : VW007909.D
 Acq On : 25 Dec 2018 01:22
 Operator : SY/AP
 Sample : VSTD1CC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD1CC100

Manual Integrations
 APPROVED

apatel
 12/27/2018 11:18:02 AM

Quant Time: Dec 25 04:08:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 25 03:37:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	76624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	131954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	119133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	94233	109.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.10%	
35) Dibromofluoromethane	7.88	113	84171	103.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.36%	
50) Toluene-d8	10.32	98	322614	105.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.30%	
62) 4-Bromofluorobenzene	12.62	95	123207	103.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	61379	91.117	ug/l	99
3) Chloromethane	2.22	50	54892	124.077	ug/l	100
4) Vinyl Chloride	2.37	62	64790	115.938	ug/l	99
5) Bromomethane	2.78	94	40185	104.160	ug/l	100
6) Chloroethane	2.93	64	34769	115.659	ug/l	100
7) Trichlorofluoromethane	3.26	101	49280	90.025	ug/l	93
8) Diethyl Ether	3.68	74	39105	112.371	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	76948	94.014	ug/l	98
10) Methyl Iodide	4.26	142	127376	97.504	ug/l	99
11) Tert butyl alcohol	5.17	59	30885	524.609	ug/l	98
12) 1,1-Dichloroethene	4.03	96	73966	97.194	ug/l	98
13) Acrolein	3.89	56	16170	364.050	ug/l	100
14) Allyl chloride	4.67	41	114575	111.316	ug/l	99
15) Acrylonitrile	5.37	53	82285	544.835	ug/l	99
16) Acetone	4.12	43	71006	450.651	ug/l	99
17) Carbon Disulfide	4.38	76	213759	91.824	ug/l	99
18) Methyl Acetate	4.67	43	48585	121.611	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	125887	111.054	ug/l	100
20) Methylene Chloride	4.91	84	85712	87.325	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	81244	96.727	ug/l	96
22) Diisopropyl ether	6.31	45	222803	114.977	ug/l	98
23) Vinyl Acetate	6.26	43	630181	553.103	ug/l	100
24) 1,1-Dichloroethane	6.21	63	144634	103.378	ug/l	99
25) 2-Butanone	7.17	43	99187	518.647	ug/l	99
26) 2,2-Dichloropropane	7.16	77	91771	91.338	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	92140	102.176	ug/l	99
28) Bromochloromethane	7.51	49	51945	108.142	ug/l #	99
29) Tetrahydrofuran	7.53	42	66420	574.835	ug/l	99
30) Chloroform	7.68	83	157833	100.799	ug/l	100
31) Cyclohexane	7.95	56	121818	95.656	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	135491	95.814	ug/l	99
36) 1,1-Dichloropropene	8.09	75	118221	93.115	ug/l	99
37) Ethyl Acetate	7.26	43	45545	101.087	ug/l	98
38) Carbon Tetrachloride	8.07	117	127805	86.944	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	145429	92.059	ug/l	98
40) Benzene	8.32	78	329552	96.385	ug/l	100
41) Methacrylonitrile	7.48	41	27874	105.633	ug/l	91
42) 1,2-Dichloroethane	8.40	62	109436	95.845	ug/l	99
43) Isopropyl Acetate	8.43	43	96769	107.030	ug/l	99
44) Trichloroethene	9.09	130	93217	91.169	ug/l	99
45) 1,2-Dichloropropane	9.37	63	79760	104.137	ug/l	100
46) Dibromomethane	9.46	93	45274	97.466	ug/l	97
47) Bromodichloromethane	9.65	83	116587	95.577	ug/l	99
48) Methyl methacrylate	9.44	41	49368	109.042	ug/l	99
49) 1,4-Dioxane	9.44	88	15498	2084.274	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	229306	533.331	ug/l	99
52) Toluene	10.39	92	219457	95.962	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	120544	98.704	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	133888	99.251	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	63288	97.815	ug/l	99
56) Ethyl methacrylate	10.65	69	81609	106.427	ug/l	98
57) 1,3-Dichloropropane	10.93	76	107498	99.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	190598	540.124	ug/l	100
59) 2-Hexanone	10.97	43	158421	526.052	ug/l	99
60) Dibromochloromethane	11.13	129	79111	93.910	ug/l	98
61) 1,2-Dibromoethane	11.24	107	63363	96.903	ug/l	99
64) Tetrachloroethene	10.87	164	78825	93.286	ug/l	98
65) Chlorobenzene	11.66	112	246149	95.149	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	87584	95.332	ug/l	98
67) Ethyl Benzene	11.73	91	432804	97.216	ug/l	100
68) m/p-Xylenes	11.84	106	327245	190.268	ug/l	100
69) o-Xylene	12.17	106	157542	97.506	ug/l	98
70) Styrene	12.18	104	260852	98.135	ug/l	100
71) Bromoform	12.35	173	43108	92.011	ug/l #	98
73) Isopropylbenzene	12.47	105	439000	100.442	ug/l	99
74) N-amyl acetate	12.27	43	89381	114.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	68798	103.594	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	53744m	117.813	ug/l	
77) Bromobenzene	12.75	156	97992	98.033	ug/l	99
78) n-propylbenzene	12.81	91	506050	99.404	ug/l	99
79) 2-Chlorotoluene	12.90	91	300799	100.916	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	376892	99.961	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	21606	101.816	ug/l	97
82) 4-Chlorotoluene	12.99	91	316848	100.298	ug/l	99
83) tert-Butylbenzene	13.21	119	330453	99.905	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	377517	99.173	ug/l	99
85) sec-Butylbenzene	13.39	105	450340	98.905	ug/l	100
86) p-Isopropyltoluene	13.51	119	403338	97.606	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	191359	96.265	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	190133	95.944	ug/l	100
89) n-Butylbenzene	13.83	91	368518	97.198	ug/l	100
90) Hexachloroethane	14.10	117	68546	95.752	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	173345	97.468	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13285	98.334	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	119125	96.969	ug/l	99
94) Hexachlorobutadiene	15.24	225	61443	93.771	ug/l	99
95) Naphthalene	15.37	128	242036	105.126	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	104372	98.781	ug/l	99

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

