

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071918\
 Data File : VV006640.D
 Acq On : 19 Jul 2018 13:30
 Operator : SY/MD
 Sample : VSTD00566
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00566

Manual Integrations
 APPROVED

apatel
 7/20/2018 12:32:45 PM

Quant Time: Jul 20 04:47:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 04:43:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	248315	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	225384	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108944	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91452	5.25	ug/L	0.00
7) Chloroethane-d5	1.58	69	65201	5.54	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	173121	5.17	ug/L	0.00
20) 2-Butanone-d5	3.95	46	200233	52.91	ug/L	0.00
24) Chloroform-d	4.41	84	156334	5.28	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	73223	5.29	ug/L	0.00
32) Benzene-d6	5.10	84	327443	5.35	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	100297	5.28	ug/L	0.00
41) Toluene-d8	7.37	98	308704	5.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	34464	5.35	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	177457	55.26	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73512	5.32	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	103221	5.26	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	126807m	6.34	ug/L
3) Chloromethane	1.26	50	105573	5.29	ug/L
5) Vinyl chloride	1.32	62	135868	5.27	ug/L
6) Bromomethane	1.52	94	37030	5.06	ug/L
8) Chloroethane	1.59	64	76922	5.19	ug/L
9) Trichlorofluoromethane	1.77	101	163356	5.28	ug/L
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	101122	5.21	ug/L
12) 1,1-Dichloroethene	2.14	96	95820	5.21	ug/L
13) Acetone	2.19	43	151335	52.14	ug/L
14) Carbon disulfide	2.32	76	308197	5.17	ug/L
15) Methyl Acetate	2.46	43	44048	5.17	ug/L
16) Methylene chloride	2.54	84	106347	4.60	ug/L
17) Methyl tert-butyl Ether	2.81	73	239035	5.27	ug/L
18) trans-1,2-Dichloroethene	2.79	96	106211	5.24	ug/L
19) 1,1-Dichloroethane	3.23	63	187389	5.24	ug/L
21) 2-Butanone	4.03	43	257700	53.01	ug/L
22) cis-1,2-Dichloroethene	3.97	96	111918	5.28	ug/L
23) Bromochloromethane	4.30	128	45300	5.24	ug/L
25) Chloroform	4.43	83	181195	5.26	ug/L
27) 1,2-Dichloroethane	5.19	62	106542	5.29	ug/L
29) 1,1,1-Trichloroethane	4.67	97	149010	5.29	ug/L
30) Cyclohexane	4.73	56	168822	5.36	ug/L
31) Carbon tetrachloride	4.88	117	128365	5.33	ug/L
33) Benzene	5.15	78	427930	5.40	ug/L
34) Trichloroethene	5.96	95	104690	5.22	ug/L
35) Methylcyclohexane	6.18	83	181294	5.42	ug/L
37) 1,2-Dichloropropane	6.23	63	109707	5.42	ug/L
38) Bromodichloromethane	6.56	83	119992	5.34	ug/L
39) cis-1,3-Dichloropropene	7.08	75	144437	5.43	ug/L
40) 4-Methyl-2-pentanone	7.28	43	603723	55.22	ug/L

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.44	91	445152	5.43	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	112308	5.43	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	72429	5.32	ug/L	100
47) Tetrachloroethene	8.02	164	85504	5.31	ug/L	100
48) 2-Hexanone	8.19	43	427507	55.94	ug/L	100
49) Dibromochloromethane	8.30	129	77604	5.38	ug/L	100
50) 1,2-Dibromoethane	8.40	107	65892	5.39	ug/L	100
51) Chlorobenzene	8.93	112	283579	5.33	ug/L	100
52) Ethylbenzene	9.06	91	479993	5.46	ug/L	100
53) m,p-xylene	9.19	106	183156	5.48	ug/L	100
54) o-xylene	9.59	106	178875	5.48	ug/L	100
55) Styrene	9.61	104	306691	5.61	ug/L	100
56) Isopropylbenzene	9.98	105	472202	5.52	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	88235	5.41	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	63244	5.30	ug/L	100
61) Bromoform	9.78	173	39611	5.26	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	210823	5.31	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	213229	5.29	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	204342	5.37	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	12272	5.44	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	163349	5.33	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	131561	5.41	ug/L	100
69) Naphthalene	13.56	128	229461	5.45	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	126084	5.50	ug/L	100

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

