

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062518\
 Data File : VV006426.D
 Acq On : 25 Jun 2018 11:18
 Operator : SY/MD
 Sample : VSTD00181
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00181

Manual Integrations
 APPROVED

MMDadoda
 6/27/2018 7:25:29 PM

Quant Time: Jun 26 06:40:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 26 06:00:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	345543	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	311467	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	140505	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23248	1.02	ug/L	0.00
7) Chloroethane-d5	1.59	69	18515	1.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	41283	1.03	ug/L	0.00
20) 2-Butanone-d5	3.96	46	41447m	9.99	ug/L	-0.01
24) Chloroform-d	4.41	84	39058	1.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	18464	1.02	ug/L	0.00
32) Benzene-d6	5.11	84	81448	1.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	24254	1.00	ug/L	0.00
41) Toluene-d8	7.37	98	76585	1.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	8412	0.95	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	29959	8.50	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	13965	0.94	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	26776	1.03	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	25473	1.01	ug/L	99
3) Chloromethane	1.26	50	25853	1.00	ug/L	97
5) Vinyl chloride	1.32	62	28141	1.00	ug/L	97
6) Bromomethane	1.54	94	16381	1.00	ug/L	95
8) Chloroethane	1.60	64	18581	1.04	ug/L	95
9) Trichlorofluoromethane	1.77	101	35012	1.03	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	21761	1.02	ug/L	99
12) 1,1-Dichloroethene	2.15	96	21244	1.02	ug/L	98
13) Acetone	2.21	43	19836	7.60	ug/L	97
14) Carbon disulfide	2.32	76	57711	0.98	ug/L	100
15) Methyl Acetate	2.47	43	6706	0.87	ug/L	92
16) Methylene chloride	2.54	84	24638	1.01	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	50928	1.01	ug/L	99
18) trans-1,2-Dichloroethene	2.80	96	22676	0.99	ug/L	100
19) 1,1-Dichloroethane	3.23	63	40617	1.00	ug/L	97
21) 2-Butanone	4.05	43	47246m	10.49	ug/L	
22) cis-1,2-Dichloroethene	3.97	96	25025	0.99	ug/L	98
23) Bromochloromethane	4.31	128	9940	0.97	ug/L	98
25) Chloroform	4.44	83	41146	1.00	ug/L	97
27) 1,2-Dichloroethane	5.19	62	22863	0.99	ug/L	99
29) 1,1,1-Trichloroethane	4.67	97	33439	0.98	ug/L	100
30) Cyclohexane	4.73	56	33735	0.99	ug/L	99
31) Carbon tetrachloride	4.88	117	28002	0.98	ug/L	98
33) Benzene	5.15	78	92454	1.01	ug/L	100
34) Trichloroethene	5.97	95	26615	1.01	ug/L	97
35) Methylcyclohexane	6.18	83	36775	0.96	ug/L	98
37) 1,2-Dichloropropane	6.23	63	22481	1.00	ug/L	100
38) Bromodichloromethane	6.56	83	24096	0.93	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	28875	0.92	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	106546	9.74	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	95700	0.98	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	22636	0.92	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	15658	1.01	ug/L	96
47) Tetrachloroethene	8.03	164	19807	1.00	ug/L	98
48) 2-Hexanone	8.20	43	76604	9.73	ug/L	99
49) Dibromochloromethane	8.30	129	15177	0.92	ug/L	95
50) 1,2-Dibromoethane	8.40	107	13689	0.98	ug/L	94
51) Chlorobenzene	8.93	112	63175	0.98	ug/L	98
52) Ethylbenzene	9.06	91	100701	0.95	ug/L	99
53) m,p-xylene	9.19	106	38490	0.95	ug/L	96
54) o-xylene	9.59	106	38098	0.95	ug/L	98
55) Styrene	9.61	104	60069	0.92	ug/L	99
56) Isopropylbenzene	9.98	105	97020	0.93	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	13912	0.95	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	12124	0.99	ug/L	97
61) Bromoform	9.78	173	7350	0.93	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	46697	1.01	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	46615	1.01	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	43855	1.01	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	1498	0.81	ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	34454	0.98	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	22426	0.87	ug/L	99
69) Naphthalene	13.56	128	28137	0.75	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	21687	0.90	ug/L	98

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

