

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112818\
 Data File : VV008731.D
 Acq On : 28 Nov 2018 12:33
 Operator : SY/MD
 Sample : VSTD0.562
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.562

Manual Integrations
 APPROVED

apatel
 11/29/2018 1:58:37 PM

Quant Time: Nov 29 02:50:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 29 02:03:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	216501	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	195301	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87103	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6664	0.65	ug/L	0.00
7) Chloroethane-d5	1.58	69	3265	0.40	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	12867	0.63	ug/L	0.00
20) 2-Butanone-d5	3.97	46	15910	4.61	ug/L	0.00
24) Chloroform-d	4.40	84	14193	0.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	6825	0.50	ug/L	0.00
32) Benzene-d6	5.10	84	28875	0.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	9447	0.57	ug/L	0.00
41) Toluene-d8	7.36	98	26003	0.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2960	0.47	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	10770	3.88	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	5451	0.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	9027	0.56	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	9892m	0.548 ug/L	
3) Chloromethane	1.25	50	8060	0.536 ug/L	90
5) Vinyl chloride	1.32	62	8011	0.574 ug/L	98
6) Bromomethane	1.54	94	3635	0.418 ug/L	93
8) Chloroethane	1.60	64	3052	0.383 ug/L	98
9) Trichlorofluoromethane	1.76	101	10132	0.521 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	6386	0.566 ug/L	94
12) 1,1-Dichloroethene	2.14	96	5868	0.571 ug/L	85
13) Acetone	2.22	43	9446	5.338 ug/L	99
14) Carbon disulfide	2.32	76	17496	0.547 ug/L	100
15) Methyl Acetate	2.47	43	2236	0.500 ug/L	98
16) Methylene chloride	2.53	84	7503	0.609 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	13326	0.500 ug/L	# 93
18) trans-1,2-Dichloroethene	2.78	96	6053	0.543 ug/L	89
19) 1,1-Dichloroethane	3.23	63	13595	0.497 ug/L	93
21) 2-Butanone	4.05	43	17323m	4.400 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	8632	0.528 ug/L	86
23) Bromochloromethane	4.30	128	3480	0.550 ug/L	89
25) Chloroform	4.43	83	15985	0.466 ug/L	87
27) 1,2-Dichloroethane	5.18	62	7957	0.464 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	11721	0.479 ug/L	99
30) Cyclohexane	4.72	56	12022	0.445 ug/L	98
31) Carbon tetrachloride	4.87	117	9388	0.452 ug/L	99
33) Benzene	5.15	78	32201	0.525 ug/L	100
34) Trichloroethene	5.96	95	8561	0.522 ug/L	96
35) Methylcyclohexane	6.17	83	12925	0.471 ug/L	99
37) 1,2-Dichloropropane	6.23	63	7610	0.474 ug/L	100
38) Bromodichloromethane	6.56	83	8238	0.423 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	9178	0.423 ug/L	96
40) 4-Methyl-2-pentanone	7.29	43	38099	4.121 ug/L	99

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42) Toluene	7.43	91	31335	0.489	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	7086	0.408	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	5258	0.512	ug/L	95
47) Tetrachloroethene	8.02	164	6243	0.520	ug/L	92
48) 2-Hexanone	8.20	43	25733	4.128	ug/L	97
49) Dibromochloromethane	8.29	129	4742	0.412	ug/L	99
50) 1,2-Dibromoethane	8.40	107	4428	0.478	ug/L #	99
51) Chlorobenzene	8.93	112	32049	0.802	ug/L	93
52) Ethylbenzene	9.06	91	34094	0.485	ug/L	99
53) m,p-xylene	9.18	106	12598	0.482	ug/L	92
54) o-xylene	9.59	106	12150	0.479	ug/L	98
55) Styrene	9.61	104	19069	0.465	ug/L	93
56) Isopropylbenzene	9.98	105	31630	0.465	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	5043	0.422	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	4317	0.475	ug/L	100
61) Bromoform	9.78	173	2120	0.387	ug/L #	98
62) 1,3-Dichlorobenzene	11.23	146	15153	0.538	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	19375	0.694	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	18330	0.683	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	645	0.384	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	10639	0.517	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	6715	0.411	ug/L	94
69) Naphthalene	13.56	128	8752	0.340	ug/L #	95
70) 1,2,3-Trichlorobenzene	13.80	180	6008	0.399	ug/L	100

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

