

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120518\
 Data File : VV008835.D
 Acq On : 05 Dec 2018 10:08
 Operator : SY/MD
 Sample : VSTD0.564
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.564

Manual Integrations
 APPROVED

sam
 12/7/2018 5:45:38 PM

Quant Time: Dec 06 04:43:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 06 04:37:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	149371	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	139341	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64904	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4487	0.45	ug/L	0.00
7) Chloroethane-d5	1.58	69	3134	0.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	8303	0.48	ug/L	0.00
20) 2-Butanone-d5	3.99	46	9559	4.19	ug/L	0.01
24) Chloroform-d	4.41	84	10262	0.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	4771	0.49	ug/L	0.00
32) Benzene-d6	5.10	84	20084	0.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	5780	0.46	ug/L	0.00
41) Toluene-d8	7.36	98	18471	0.48	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	1974	0.47	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	6605	3.76	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	3767	0.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	6848	0.52	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	7777	0.581 ug/L	99
3) Chloromethane	1.25	50	5024	0.513 ug/L	97
5) Vinyl chloride	1.32	62	5133	0.529 ug/L	97
6) Bromomethane	1.54	94	2890	0.477 ug/L	95
8) Chloroethane	1.60	64	2986	0.538 ug/L	98
9) Trichlorofluoromethane	1.77	101	8359	0.564 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4512	0.539 ug/L	93
12) 1,1-Dichloroethene	2.14	96	3864	0.528 ug/L	98
13) Acetone	2.23	43	5427m	4.740 ug/L	
14) Carbon disulfide	2.32	76	11837	0.552 ug/L	98
15) Methyl Acetate	2.48	43	1134	0.376 ug/L #	83
16) Methylene chloride	2.54	84	4643	0.563 ug/L	85
17) Methyl tert-butyl Ether	2.81	73	9515	0.528 ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	4517	0.563 ug/L	84
19) 1,1-Dichloroethane	3.23	63	8856	0.500 ug/L	98
21) 2-Butanone	4.06	43	9172m	4.038 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	5707	0.506 ug/L	97
23) Bromochloromethane	4.31	128	2341	0.505 ug/L	89
25) Chloroform	4.43	83	10282	0.528 ug/L	99
27) 1,2-Dichloroethane	5.18	62	5510	0.492 ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	8556	0.524 ug/L	100
30) Cyclohexane	4.72	56	7996	0.473 ug/L #	92
31) Carbon tetrachloride	4.87	117	7873	0.555 ug/L	96
33) Benzene	5.15	78	20827	0.505 ug/L	100
34) Trichloroethene	5.96	95	6433	0.555 ug/L	96
35) Methylcyclohexane	6.17	83	9650	0.527 ug/L	97
37) 1,2-Dichloropropane	6.23	63	4807	0.467 ug/L #	89
38) Bromodichloromethane	6.56	83	6190	0.524 ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	6643	0.489 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	23366	4.435 ug/L	99

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

42) Toluene	7.43	91	21857	0.504	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	4700	0.437	ug/L	95
45) 1,1,2-Trichloroethane	7.88	97	3384	0.495	ug/L	95
47) Tetrachloroethene	8.02	164	4989	0.553	ug/L	96
48) 2-Hexanone	8.19	43	15798	4.278	ug/L	98
49) Dibromochloromethane	8.29	129	3859	0.510	ug/L	98
50) 1,2-Dibromoethane	8.40	107	3228	0.498	ug/L #	100
51) Chlorobenzene	8.93	112	14824	0.518	ug/L	98
52) Ethylbenzene	9.06	91	23812	0.506	ug/L	99
53) m,p-xylene	9.18	106	8893	0.503	ug/L	91
54) o-xylene	9.59	106	8493	0.500	ug/L	93
55) Styrene	9.60	104	13347	0.471	ug/L	94
56) Isopropylbenzene	9.98	105	22497	0.485	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	3030	0.419	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	3003	0.507	ug/L	96
61) Bromoform	9.77	173	1933	0.540	ug/L #	95
62) 1,3-Dichlorobenzene	11.23	146	11304	0.533	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	11476	0.543	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	10198	0.508	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	486	0.491	ug/L #	70
67) 1,3,5-Trichlorobenzene	12.70	180	7836	0.503	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	5032	0.437	ug/L	94
69) Naphthalene	13.56	128	6345	0.375	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	4844	0.448	ug/L	94

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

