

Data File : VV007596.D
Acq On : 18 Sep 2018 11:02
Operator : SY/MD
Sample : VSTD0.565
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.565

Quant Time: Sep 19 01:26:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:25:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	119991	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	109601	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57958	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2549	0.41	ug/L	0.00
7) Chloroethane-d5	1.59	69	2339	0.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	6340	0.48	ug/L	0.00
20) 2-Butanone-d5	4.17	46	193	0.22	ug/L	0.20
24) Chloroform-d	4.41	84	5041	0.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	2546	0.41	ug/L	0.00
32) Benzene-d6	5.10	84	9624	0.39	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	2964	0.41	ug/L	0.00
41) Toluene-d8	7.36	98	9889	0.38	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	1167	0.35	ug/L	0.00
46) 2-Hexanone-d5	8.16	63	1384	2.57	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	1490	0.29	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	4408	0.42	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	4614	0.653 ug/L	91
3) Chloromethane	1.25	50	3533	0.592 ug/L	93
5) Vinyl chloride	1.32	62	4466	0.671 ug/L	94
6) Bromomethane	1.54	94	3060	0.643 ug/L	99
8) Chloroethane	1.60	64	2557	0.627 ug/L	97
9) Trichlorofluoromethane	1.77	101	8235	0.625 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4544	0.629 ug/L	96
12) 1,1-Dichloroethene	2.14	96	4286	0.659 ug/L	95
13) Acetone	2.22	43	2944	5.007 ug/L	86
14) Carbon disulfide	2.32	76	12069	0.639 ug/L	95
15) Methyl Acetate	2.47	43	638	0.378 ug/L	93
16) Methylene chloride	2.54	84	4890	0.700 ug/L	97
17) Methyl tert-butyl Ether	2.82	73	9305	0.611 ug/L #	92
18) trans-1,2-Dichloroethene	2.79	96	4736	0.676 ug/L	96
19) 1,1-Dichloroethane	3.23	63	6335	0.629 ug/L	98
21) 2-Butanone	4.07	43	3971	4.084 ug/L	76
22) cis-1,2-Dichloroethene	3.97	96	4181	0.612 ug/L	92
23) Bromochloromethane	4.31	128	1900	0.633 ug/L	99
25) Chloroform	4.43	83	7015	0.608 ug/L	99
27) 1,2-Dichloroethane	5.19	62	3711	0.564 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	6354	0.572 ug/L	98
30) Cyclohexane	4.73	56	5909	0.612 ug/L	92
31) Carbon tetrachloride	4.88	117	5965	0.572 ug/L	99
33) Benzene	5.15	78	14202	0.600 ug/L	100
34) Trichloroethene	5.96	95	5330	0.728 ug/L	97
35) Methylcyclohexane	6.18	83	6901	0.615 ug/L	99
37) 1,2-Dichloropropane	6.23	63	3284	0.568 ug/L #	90
38) Bromodichloromethane	6.56	83	4489	0.539 ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	4799	0.524 ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	16502	5.218 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	15887	0.582	ug/L	95
44) trans-1,3-Dichloropropene	7.70	75	3687	0.490	ug/L	91
45) 1,1,2-Trichloroethane	7.89	97	2355	0.543	ug/L	97
47) Tetrachloroethene	8.02	164	4218	0.640	ug/L	96
48) 2-Hexanone	8.21	43	13320	5.449	ug/L	95
49) Dibromochloromethane	8.30	129	3097	0.508	ug/L	96
50) 1,2-Dibromoethane	8.40	107	2384	0.566	ug/L #	89
51) Chlorobenzene	8.93	112	10978	0.596	ug/L	98
52) Ethylbenzene	9.06	91	17885	0.584	ug/L	98
53) m,p-xylene	9.19	106	7070	0.595	ug/L	94
54) o-xylene	9.59	106	6567	0.566	ug/L	96
55) Styrene	9.61	104	10495	0.553	ug/L	98
56) Isopropylbenzene	9.98	105	18088	0.571	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	1975	0.474	ug/L #	91
59) 1,2,3-Trichloropropane	10.32	75	1922	0.543	ug/L	95
61) Bromoform	9.78	173	1794	0.514	ug/L #	93
62) 1,3-Dichlorobenzene	11.23	146	9527	0.619	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	9620	0.627	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	8452	0.591	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.49	75	249	0.355	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	6510	0.539	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	3239	0.376	ug/L	96
69) Naphthalene	13.57	128	2976	0.290	ug/L #	86
70) 1,2,3-Trichlorobenzene	13.80	180	3251	0.412	ug/L	93

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

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