

Data File : VV006733.D
Acq On : 27 Jul 2018 18:25
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00564

Quant Time: Jul 28 02:29:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 28 02:24:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	229488	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213258	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98249	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	62878	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	47788	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	122364	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.40%
20) 2-Butanone-d5	3.96	46	171437	45.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.88%
24) Chloroform-d	4.40	84	117304	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.09	65	57386	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.10	84	235450	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.12	67	76356	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	214318	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
43) trans-1,3-Dichloropropene-	7.67	79	26317	5.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.80%
46) 2-Hexanone-d5	8.14	63	144927	47.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.74%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	58928	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	76332	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	94752	4.588 ug/L	# 86
3) Chloromethane	1.25	50	92261	5.262 ug/L	99
5) Vinyl chloride	1.32	62	105319	4.796 ug/L	98
6) Bromomethane	1.53	94	30213	5.622 ug/L	99
8) Chloroethane	1.59	64	55474	4.615 ug/L	99
9) Trichlorofluoromethane	1.76	101	124136	4.927 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	77887	5.073 ug/L	100
12) 1,1-Dichloroethene	2.14	96	72752	4.839 ug/L	91
13) Acetone	2.20	43	118790	50.030 ug/L	99
14) Carbon disulfide	2.31	76	226981	4.490 ug/L	99
15) Methyl Acetate	2.47	43	34115	4.847 ug/L	100
16) Methylene chloride	2.54	84	80631	4.679 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	186987	5.070 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	79976	4.898 ug/L	98
19) 1,1-Dichloroethane	3.23	63	147936	4.925 ug/L	100
21) 2-Butanone	4.04	43	198656	49.951 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	82989	4.874 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	35532	5.071	ug/L	98
25) Chloroform	4.43	83	139223	4.939	ug/L	95
27) 1,2-Dichloroethane	5.19	62	82718	5.002	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	115171	5.020	ug/L	99
30) Cyclohexane	4.72	56	121836	4.743	ug/L	99
31) Carbon tetrachloride	4.87	117	98672	5.031	ug/L	99
33) Benzene	5.15	78	321592	5.016	ug/L	100
34) Trichloroethene	5.96	95	80044	4.946	ug/L	98
35) Methylcyclohexane	6.18	83	130670	4.833	ug/L	100
37) 1,2-Dichloropropane	6.23	63	80619	4.898	ug/L	100
38) Bromodichloromethane	6.56	83	91736	4.990	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	106416	4.964	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	468106	51.741	ug/L	100
42) Toluene	7.44	91	331004	5.014	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	83874	4.975	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	56149	5.066	ug/L	100
47) Tetrachloroethene	8.02	164	63768	4.961	ug/L	99
48) 2-Hexanone	8.19	43	331126	52.453	ug/L	100
49) Dibromochloromethane	8.30	129	60154	5.128	ug/L	99
50) 1,2-Dibromoethane	8.40	107	51226	5.171	ug/L	99
51) Chlorobenzene	8.93	112	210230	4.896	ug/L	100
52) Ethylbenzene	9.06	91	348149	4.947	ug/L	100
53) m,p-xylene	9.19	106	132497	4.987	ug/L	99
54) o-xylene	9.59	106	127776	4.937	ug/L	97
55) Styrene	9.61	104	221149	5.066	ug/L	96
56) Isopropylbenzene	9.98	105	335549	4.993	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	66549	4.908	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	48955	5.054	ug/L	100
61) Bromoform	9.78	173	31127	5.213	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	149758	4.931	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	152072	4.913	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	148545	5.021	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8924	5.040	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	114284	4.928	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	88361	4.797	ug/L	99
69) Naphthalene	13.56	128	150480	4.774	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	85595	4.910	ug/L	99

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

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