

Data File : VV007627.D
Acq On : 19 Sep 2018 02:52
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00568

Manual Integrations
APPROVED

apatel
9/19/2018 12:00:33 PM

Quant Time: Sep 19 04:14:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 01:47:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	113185	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	103151	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58487	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26187	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.58	69	24031	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.14	63	65672	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.60%
20) 2-Butanone-d5	3.97	46	40582m	54.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.10%
24) Chloroform-d	4.41	84	57543	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.09	65	28903	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	111144	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.13	67	32136	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.36	98	115798	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.67	79	13089	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.14	63	32143	65.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.24%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21351	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	50020	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	46050	4.950 ug/L	97
3) Chloromethane	1.25	50	33781	4.919 ug/L	99
5) Vinyl chloride	1.32	62	39803	5.108 ug/L	97
6) Bromomethane	1.54	94	29437	5.105 ug/L	97
8) Chloroethane	1.60	64	25930	5.431 ug/L	99
9) Trichlorofluoromethane	1.77	101	80889	5.163 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	44682	5.154 ug/L	99
12) 1,1-Dichloroethene	2.15	96	39933	5.057 ug/L	92
13) Acetone	2.20	43	37160	58.656 ug/L	92
14) Carbon disulfide	2.32	76	108835	4.716 ug/L	100
15) Methyl Acetate	2.47	43	11372	6.147 ug/L	95
16) Methylene chloride	2.54	84	40012	4.797 ug/L	96
17) Methyl tert-butyl Ether	2.82	73	93124	5.418 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	42759	5.030 ug/L	100
19) 1,1-Dichloroethane	3.23	63	56932	5.175 ug/L	99
21) 2-Butanone	4.05	43	59497m	60.333 ug/L	
22) cis-1,2-Dichloroethene	3.97	96	38700	5.030 ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	17973	5.149	ug/L	98
25) Chloroform	4.43	83	66011	5.070	ug/L	98
27) 1,2-Dichloroethane	5.19	62	39173	5.267	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	60604	5.037	ug/L	99
30) Cyclohexane	4.73	56	51776	4.943	ug/L	98
31) Carbon tetrachloride	4.88	117	56436	5.015	ug/L	100
33) Benzene	5.15	78	138598	5.248	ug/L	100
34) Trichloroethene	5.96	95	43547	4.956	ug/L	99
35) Methylcyclohexane	6.18	83	63092	4.946	ug/L	99
37) 1,2-Dichloropropane	6.23	63	31405	5.223	ug/L	100
38) Bromodichloromethane	6.56	83	43949	5.052	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	48181	4.852	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	179466	50.975	ug/L	100
42) Toluene	7.43	91	156599	5.113	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	37669	4.735	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	25873	5.284	ug/L	95
47) Tetrachloroethene	8.02	164	40144	5.070	ug/L	98
48) 2-Hexanone	8.20	43	129327	47.662	ug/L	98
49) Dibromochloromethane	8.30	129	31458	4.857	ug/L	98
50) 1,2-Dibromoethane	8.40	107	24674	5.074	ug/L	95
51) Chlorobenzene	8.93	112	107543	5.065	ug/L	100
52) Ethylbenzene	9.06	91	176833	5.076	ug/L	99
53) m,p-xylene	9.19	106	69530	4.963	ug/L	96
54) o-xylene	9.59	106	66702	5.073	ug/L	99
55) Styrene	9.61	104	111202	5.075	ug/L	100
56) Isopropylbenzene	9.98	105	183054	5.016	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	22693	5.111	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	19699	4.901	ug/L	96
61) Bromoform	9.78	173	17748	4.551	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	94643	4.865	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	93938	4.891	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	87009	4.877	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	3420	4.538	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	75692	4.926	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	56888	5.276	ug/L	99
69) Naphthalene	13.56	128	68359	5.429	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	51782	5.226	ug/L	98

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

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