

Data File : VV007635.D
Acq On : 19 Sep 2018 06:28
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00569

Quant Time: Sep 19 08:40:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 19 04:15:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	113957	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	105381	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57655	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25953	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.58	69	24012	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.14	63	64039	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.96	46	55875	74.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	149.18%#
24) Chloroform-d	4.41	84	57292	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.09	65	28189	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.10	84	108013	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.13	67	30819	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.36	98	112412	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.67	79	11879	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.14	63	37091	73.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	147.10%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21568	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	48313	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	44748	4.778 ug/L	98
3) Chloromethane	1.25	50	33967	4.913 ug/L	100
5) Vinyl chloride	1.32	62	39131	4.988 ug/L	97
6) Bromomethane	1.54	94	29946	5.158 ug/L	99
8) Chloroethane	1.60	64	25060	5.214 ug/L	99
9) Trichlorofluoromethane	1.77	101	78903	5.002 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	43362	4.968 ug/L	100
12) 1,1-Dichloroethene	2.15	96	39203	4.931 ug/L	91
13) Acetone	2.20	43	48019	75.283 ug/L	94
14) Carbon disulfide	2.32	76	106280	4.574 ug/L	98
15) Methyl Acetate	2.47	43	11236	6.032 ug/L	91
16) Methylene chloride	2.54	84	40001	4.763 ug/L	96
17) Methyl tert-butyl Ether	2.82	73	90041	5.203 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	43545	5.088 ug/L	99
19) 1,1-Dichloroethane	3.23	63	57241	5.168 ug/L	97
21) 2-Butanone	4.05	43	67297	67.780 ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	38804	5.010 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	17936	5.104	ug/L	96
25) Chloroform	4.43	83	65245	4.977	ug/L	98
27) 1,2-Dichloroethane	5.19	62	39120	5.224	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	60359	4.911	ug/L	99
30) Cyclohexane	4.73	56	51060	4.771	ug/L	99
31) Carbon tetrachloride	4.88	117	55374	4.817	ug/L	99
33) Benzene	5.15	78	135643	5.027	ug/L	100
34) Trichloroethene	5.96	95	43225	4.815	ug/L	96
35) Methylcyclohexane	6.18	83	61817	4.744	ug/L	99
37) 1,2-Dichloropropane	6.23	63	32511	5.292	ug/L	99
38) Bromodichloromethane	6.56	83	42666	4.800	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	45639	4.499	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	172926	48.078	ug/L	97
42) Toluene	7.43	91	154831	4.948	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	35702	4.392	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	24620	4.922	ug/L	98
47) Tetrachloroethene	8.02	164	38631	4.775	ug/L	99
48) 2-Hexanone	8.20	43	123722	44.631	ug/L	98
49) Dibromochloromethane	8.30	129	31527	4.765	ug/L	100
50) 1,2-Dibromoethane	8.40	107	24585	4.949	ug/L	96
51) Chlorobenzene	8.93	112	107834	4.971	ug/L	99
52) Ethylbenzene	9.06	91	172603	4.850	ug/L	100
53) m,p-xylene	9.19	106	66478	4.645	ug/L	97
54) o-xylene	9.59	106	67247	5.006	ug/L	98
55) Styrene	9.61	104	109657	4.899	ug/L	99
56) Isopropylbenzene	9.98	105	179642	4.818	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	21919	4.832	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	19204	4.677	ug/L	95
61) Bromoform	9.78	173	17214	4.477	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	93140	4.857	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	94493	4.991	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	86565	4.922	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3352	4.512	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	73751	4.869	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	55688	5.239	ug/L	99
69) Naphthalene	13.56	128	64890	5.228	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	50307	5.151	ug/L	98

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

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