

Data File : VV012888.D
Acq On : 18 Sep 2019 11:15
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00539

Manual Integrations
APPROVED

MMDadoda
9/19/2019 8:19:20 AM

Quant Time: Sep 19 01:00:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 18:26:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	419030	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	413356	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	207954	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	173487	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.59	69	154233	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.13	63	278718	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	4.00	46	329051	37.89	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.78%
24) Chloroform-d	4.40	84	304383	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.08	65	150510	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.09	84	624119	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.11	67	186105	4.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.36	98	579662	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.66	79	66657	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.14	63	251348	39.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	132902	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	196838	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	144739	5.478 ug/L	98
3) Chloromethane	1.26	50	143349	4.919 ug/L	100
5) Vinyl chloride	1.32	62	157582	4.660 ug/L	99
6) Bromomethane	1.54	94	83654	5.147 ug/L	100
8) Chloroethane	1.60	64	88056	4.957 ug/L	99
9) Trichlorofluoromethane	1.77	101	194760	4.734 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	121651	4.927 ug/L	99
12) 1,1-Dichloroethene	2.14	96	108251	4.822 ug/L	92
13) Acetone	2.29	43	161929m	35.259 ug/L	
14) Carbon disulfide	2.32	76	222999	4.848 ug/L	100
15) Methyl Acetate	2.48	43	50810	4.229 ug/L	98
16) Methylene chloride	2.53	84	132229	4.790 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	266060	4.190 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	115615	4.633 ug/L	100
19) 1,1-Dichloroethane	3.23	63	243285	4.725 ug/L	100
21) 2-Butanone	4.08	43	311448	41.279 ug/L #	76
22) cis-1,2-Dichloroethene	3.96	96	130188	4.643 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	56818	4.576	ug/L	97
25) Chloroform	4.42	83	265921	4.584	ug/L	98
27) 1,2-Dichloroethane	5.18	62	142870	4.631	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	202964	4.726	ug/L	99
30) Cyclohexane	4.72	56	172595	4.818	ug/L	98
31) Carbon tetrachloride	4.87	117	172277	4.736	ug/L	98
33) Benzene	5.14	78	520625	4.854	ug/L	100
34) Trichloroethene	5.96	95	134258	4.860	ug/L	98
35) Methylcyclohexane	6.17	83	177147	4.778	ug/L	99
37) 1,2-Dichloropropane	6.22	63	139146	4.761	ug/L	100
38) Bromodichloromethane	6.55	83	174641	4.591	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	178313	4.606	ug/L	95
40) 4-Methyl-2-pentanone	7.28	43	826272	43.903	ug/L	99
42) Toluene	7.43	91	558991	5.006	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	143552	4.642	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	97250	4.440	ug/L	98
47) Tetrachloroethene	8.01	164	106939	4.817	ug/L	98
48) 2-Hexanone	8.19	43	622198	45.755	ug/L	97
49) Dibromochloromethane	8.29	129	116323	4.664	ug/L	98
50) 1,2-Dibromoethane	8.40	107	82388	4.520	ug/L	96
51) Chlorobenzene	8.92	112	365668	4.772	ug/L	99
52) Ethylbenzene	9.05	91	596136	4.978	ug/L	99
53) m,p-xylene	9.18	106	224976	5.093	ug/L	98
54) o-xylene	9.59	106	217635	5.012	ug/L	100
55) Styrene	9.60	104	390394	5.240	ug/L	99
56) Isopropylbenzene	9.97	105	595444	5.110	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	114357	4.169	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	82737	4.339	ug/L	99
61) Bromoform	9.77	173	61705	4.327	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	302430	4.867	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	302657	4.746	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	284465	4.641	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	16090	3.819	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	230220	4.738	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	180491	4.626	ug/L	99
69) Naphthalene	13.55	128	239520	4.063	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	174633	4.537	ug/L	100

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

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