

Data File : VV014055.D
Acq On : 13 Dec 2019 16:24
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00556

Quant Time: Dec 14 03:28:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 14 03:25:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	404572	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	383083	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	222923	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113499	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.58	69	102728	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.13	63	193085	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	3.92	46	271205	52.10	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.20%
24) Chloroform-d	4.40	84	223012	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.07	65	104687	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	5.09	84	384783	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.80%
36) 1,2-Dichloropropane-d6	6.11	67	124639	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.35	98	342417	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	7.66	79	45451	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.13	63	185035	43.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.52%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	96964	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	156391	3.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.40%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	138853	5.153	ug/L 98
3) Chloromethane	1.25	50	138890	5.869	ug/L 99
5) Vinyl chloride	1.32	62	137607	5.693	ug/L 97
6) Bromomethane	1.53	94	77328	6.076	ug/L 96
8) Chloroethane	1.60	64	86514	5.940	ug/L 100
9) Trichlorofluoromethane	1.77	101	211022	5.623	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	129472	5.806	ug/L 97
12) 1,1-Dichloroethene	2.14	96	108292	5.567	ug/L 85
13) Acetone	2.18	43	198062	54.410	ug/L # 56
14) Carbon disulfide	2.32	76	222308	4.951	ug/L 100
15) Methyl Acetate	2.46	43	44582	5.471	ug/L 100
16) Methylene chloride	2.53	84	141698	5.318	ug/L 98
17) Methyl tert-butyl Ether	2.80	73	256252	4.814	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	112075	5.102	ug/L 96
19) 1,1-Dichloroethane	3.23	63	237240	5.410	ug/L 99
21) 2-Butanone	4.01	43	289370	52.591	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	129273	5.019	ug/L # 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	60121	5.312	ug/L	97
25) Chloroform	4.42	83	254644	5.478	ug/L	100
27) 1,2-Dichloroethane	5.17	62	131080	4.927	ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	205495	5.244	ug/L	100
30) Cyclohexane	4.72	56	153133	4.677	ug/L	98
31) Carbon tetrachloride	4.87	117	183171	5.313	ug/L	100
33) Benzene	5.14	78	470121	5.003	ug/L	100
34) Trichloroethene	5.96	95	126643	4.885	ug/L	97
35) Methylcyclohexane	6.17	83	161233	4.661	ug/L	97
37) 1,2-Dichloropropane	6.22	63	123556	5.116	ug/L	99
38) Bromodichloromethane	6.55	83	162609	5.103	ug/L	98
39) cis-1,3-Dichloropropene	7.06	75	161269	4.706	ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	662837	47.037	ug/L	98
42) Toluene	7.43	91	508660	5.046	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	129423	4.825	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	87749	5.098	ug/L	99
47) Tetrachloroethene	8.01	164	111058	4.934	ug/L	98
48) 2-Hexanone	8.17	43	494733	49.186	ug/L	99
49) Dibromochloromethane	8.28	129	112186	5.082	ug/L	95
50) 1,2-Dibromoethane	8.39	107	76957	4.937	ug/L	98
51) Chlorobenzene	8.92	112	340570	4.856	ug/L	99
52) Ethylbenzene	9.05	91	542966	4.959	ug/L	97
53) m,p-xylene	9.18	106	206549	4.948	ug/L	98
54) o-xylene	9.58	106	200277	4.915	ug/L	95
55) Styrene	9.60	104	363339	5.164	ug/L	97
56) Isopropylbenzene	9.97	105	551720	4.968	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	94101	4.976	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	74151	5.002	ug/L	98
61) Bromoform	9.77	173	63768	4.545	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	319511	4.934	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	311658	4.728	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	285881	4.757	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	13003	3.723	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	249121	4.554	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	184345	4.109	ug/L	99
69) Naphthalene	13.55	128	202461	3.314	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	172640	4.224	ug/L	97

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

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