

Data File : VV011821.D
Acq On : 03 Jul 2019 09:44
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00556

Quant Time: Jul 03 23:51:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 08:28:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	187347	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	180633	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	85429	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58345	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.58	69	39955	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.13	63	118141	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	3.94	46	154614	49.66	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.32%
24) Chloroform-d	4.40	84	120584	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.08	65	61967	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.10	84	228549	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.12	67	71110	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	210006	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.66	79	25401	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.13	63	118577	49.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49221	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	72353	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	92052	5.148	ug/L 99
3) Chloromethane	1.25	50	90553	5.092	ug/L 98
5) Vinyl chloride	1.32	62	85055	5.084	ug/L 96
6) Bromomethane	1.53	94	42664	4.864	ug/L 99
8) Chloroethane	1.60	64	43458	4.551	ug/L 99
9) Trichlorofluoromethane	1.77	101	118780	5.395	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	65518	5.338	ug/L 99
12) 1,1-Dichloroethene	2.14	96	59345	5.235	ug/L 91
13) Acetone	2.20	43	110469	51.803	ug/L 99
14) Carbon disulfide	2.32	76	159816	5.244	ug/L 99
15) Methyl Acetate	2.46	43	26808	4.523	ug/L 98
16) Methylene chloride	2.53	84	62493	4.611	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	154308	5.226	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	68128	5.308	ug/L 98
19) 1,1-Dichloroethane	3.23	63	131896	5.187	ug/L 99
21) 2-Butanone	4.03	43	183657	52.728	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	73151	5.340	ug/L 99

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	29147	5.121	ug/L	98
25) Chloroform	4.42	83	136849	5.021	ug/L	99
27) 1,2-Dichloroethane	5.18	62	87661	5.207	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	112980	5.329	ug/L	99
30) Cyclohexane	4.72	56	118758	5.248	ug/L	98
31) Carbon tetrachloride	4.87	117	99741	5.485	ug/L	99
33) Benzene	5.14	78	289508	5.384	ug/L	100
34) Trichloroethene	5.96	95	75434	5.391	ug/L	97
35) Methylcyclohexane	6.17	83	123405	5.390	ug/L	99
37) 1,2-Dichloropropane	6.22	63	72681	5.278	ug/L	98
38) Bromodichloromethane	6.55	83	85661	5.335	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	100269	5.459	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	447826	52.522	ug/L	98
42) Toluene	7.43	91	309659	5.451	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	77472	5.466	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	46493	5.262	ug/L	98
47) Tetrachloroethene	8.02	164	59249	5.381	ug/L	96
48) 2-Hexanone	8.18	43	321520	53.418	ug/L	99
49) Dibromochloromethane	8.29	129	51327	5.472	ug/L	99
50) 1,2-Dibromoethane	8.40	107	43409	5.290	ug/L	97
51) Chlorobenzene	8.92	112	191282	5.332	ug/L	97
52) Ethylbenzene	9.05	91	339266	5.372	ug/L	99
53) m,p-xylene	9.18	106	126892	5.494	ug/L	94
54) o-xylene	9.59	106	122981	5.526	ug/L	97
55) Styrene	9.60	104	204868	5.518	ug/L	96
56) Isopropylbenzene	9.97	105	329038	5.464	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	55093	5.092	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	40703	5.108	ug/L	98
61) Bromoform	9.77	173	24692	5.418	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	141017	5.337	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	144216	5.343	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	132114	5.293	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	7814	4.935	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	108816	5.321	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	86319	5.228	ug/L	99
69) Naphthalene	13.55	128	131895	5.016	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	79441	5.191	ug/L	99

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

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