

Data File : VU041103.D
Acq On : 04 Nov 2020 17:48
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00516

Quant Time: Nov 05 00:52:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 05 00:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	55526	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28474	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	19122	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.92	69	14884	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.58	63	39347	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	4.65	46	73661	47.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.90%
24) Chloroform-d	5.08	84	40028	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	23889	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.74	84	73001	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.70	67	24574	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.91	98	67935	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	8.19	79	10364	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.64	63	54731	49.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21828	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	25048	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	22863	4.510 ug/L	99
3) Chloromethane	1.53	50	23973	4.535 ug/L	99
5) Vinyl chloride	1.61	62	24104	4.622 ug/L	92
6) Bromomethane	1.87	94	13037	4.361 ug/L	98
8) Chloroethane	1.94	64	14094	4.266 ug/L	98
9) Trichlorofluoromethane	2.15	101	33286	4.696 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	19263	4.637 ug/L	98
12) 1,1-Dichloroethene	2.59	96	17216	4.389 ug/L	94
13) Acetone	2.65	43	51127	48.681 ug/L #	59
14) Carbon disulfide	2.81	76	54066	4.125 ug/L	98
15) Methyl Acetate	2.97	43	11572	4.815 ug/L	92
16) Methylene chloride	3.06	84	22289	4.877 ug/L	95
17) Methyl tert-butyl Ether	3.38	73	48657	4.820 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	18459	4.631 ug/L	97
19) 1,1-Dichloroethane	3.89	63	38715	4.858 ug/L	98
21) 2-Butanone	4.73	43	80731	49.183 ug/L	100
22) cis-1,2-Dichloroethene	4.69	96	20358	4.951 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	9862	5.084	ug/L	98
25) Chloroform	5.11	83	39316	4.920	ug/L	98
27) 1,2-Dichloroethane	5.81	62	28406	4.773	ug/L #	93
29) 1,1,1-Trichloroethane	5.33	97	33108	4.976	ug/L	97
30) Cyclohexane	5.41	56	31097	4.744	ug/L	99
31) Carbon tetrachloride	5.54	117	28568	4.849	ug/L	98
33) Benzene	5.79	78	81283	5.000	ug/L	100
34) Trichloroethene	6.55	95	21177	5.119	ug/L	97
35) Methylcyclohexane	6.77	83	29510	4.782	ug/L	99
37) 1,2-Dichloropropane	6.80	63	22905	5.208	ug/L #	96
38) Bromodichloromethane	7.11	83	28877	5.061	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	30778	5.082	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	183541	52.337	ug/L	98
42) Toluene	7.98	91	84894	5.150	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	29169	5.147	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	16072	4.909	ug/L	99
47) Tetrachloroethene	8.56	164	14624	4.808	ug/L	97
48) 2-Hexanone	8.69	43	139014	52.645	ug/L	99
49) Dibromochloromethane	8.82	129	19245	5.061	ug/L	98
50) 1,2-Dibromoethane	8.93	107	15619	5.006	ug/L	99
51) Chlorobenzene	9.45	112	52569	5.030	ug/L	98
52) Ethylbenzene	9.57	91	86938	5.011	ug/L	100
53) m,p-Xylene	9.69	106	32945	5.207	ug/L	96
54) o-Xylene	10.10	106	31411	5.330	ug/L	98
55) Styrene	10.11	104	56387	5.370	ug/L	97
56) Isopropylbenzene	10.48	105	85618	5.403	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	21371	4.970	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	17119	5.222	ug/L	97
61) Bromoform	10.29	173	10704	4.878	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	42698	5.195	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	43518	5.112	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	40753	5.024	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	4176	5.253	ug/L #	83
67) 1,3,5-Trichlorobenzene	13.21	180	30075	5.232	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	25014	5.253	ug/L	97
69) Naphthalene	14.08	128	43704	5.132	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	23871	5.439	ug/L	98

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

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