

Data File : VU036567.D
Acq On : 27 Jan 2020 15:24
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005609

Quant Time: Jan 28 01:21:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 28 01:18:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	6.29	114	150436	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	140066	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	71149	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37894	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.93	69	36762	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.59	65	16028	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.00%
20) 2-Butanone-d5	4.69	46	102161	56.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.10%
24) Chloroform-d	5.11	84	76668	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.74	65	39379	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.77	84	160403	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.73	67	50895	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.93	98	157483	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.21	79	21091	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.67	63	102584	53.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.60%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	42651	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
66) 1,2-Dichlorobenzene-d4	12.21	152	60796	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	56072	5.083 ug/L	97
3) Chloromethane	1.54	50	56987	4.892 ug/L	98
5) Vinyl chloride	1.62	62	61895	4.895 ug/L	98
6) Bromomethane	1.87	94	38718	5.271 ug/L	96
8) Chloroethane	1.95	64	37725	4.824 ug/L	95
9) Trichlorofluoromethane	2.16	101	73582	5.003 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	46863	5.167 ug/L	97
12) 1,1-Dichloroethene	2.61	96	44348	4.932 ug/L	93
13) Acetone	2.68	43	66988	49.305 ug/L	95
14) Carbon disulfide	2.82	76	140108	4.953 ug/L	100
15) Methyl Acetate	2.99	43	16810	4.841 ug/L	99
16) Methylene chloride	3.08	84	57044	4.664 ug/L	99
17) Methyl tert-butyl Ether	3.41	73	113609	5.031 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	48123	4.982 ug/L	98
19) 1,1-Dichloroethane	3.91	63	82666	4.905 ug/L	99
21) 2-Butanone	4.77	43	111223	50.625 ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	51722	4.800 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
23) Bromochloromethane	5.02	128	23122	5.098	ug/L	98
25) Chloroform	5.13	83	82182	4.892	ug/L	99
27) 1,2-Dichloroethane	5.84	62	50467	4.790	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	68383	4.889	ug/L	99
30) Cyclohexane	5.43	56	78205	4.900	ug/L	98
31) Carbon tetrachloride	5.57	117	58890	4.965	ug/L	98
33) Benzene	5.81	78	193337	4.912	ug/L	100
34) Trichloroethene	6.58	95	51284	4.919	ug/L	97
35) Methylcyclohexane	6.80	83	88393	4.948	ug/L	98
37) 1,2-Dichloropropane	6.83	63	49666	5.074	ug/L	99
38) Bromodichloromethane	7.14	83	59945	5.013	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	77074	5.106	ug/L	98
40) 4-Methyl-2-pentanone	7.83	43	278031	50.506	ug/L	99
42) Toluene	8.00	91	214788	4.942	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	59198	5.095	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	36666	5.063	ug/L	96
47) Tetrachloroethene	8.58	164	41504	4.889	ug/L	98
48) 2-Hexanone	8.72	43	190863	50.257	ug/L	99
49) Dibromochloromethane	8.84	129	43645	5.267	ug/L	100
50) 1,2-Dibromoethane	8.95	107	35031	4.968	ug/L	98
51) Chlorobenzene	9.47	112	136202	4.879	ug/L	99
52) Ethylbenzene	9.59	91	235497	4.975	ug/L	100
53) m,p-Xylene	9.72	106	92966	5.063	ug/L	98
54) o-Xylene	10.12	106	89346	4.965	ug/L	98
55) Styrene	10.14	104	149103	5.048	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.81	83	46457	5.117	ug/L	98
59) Bromoform	10.32	173	24482	5.121	ug/L	98
60) Isopropylbenzene	10.51	105	233858	4.863	ug/L	100
61) 1,2,3-Trichloropropane	10.85	75	32329	4.881	ug/L	99
62) 1,3,5-Trimethylbenzene	11.11	105	205086	4.976	ug/L	100
63) 1,2,4-Trimethylbenzene	11.49	105	203964	4.987	ug/L	99
64) 1,3-Dichlorobenzene	11.77	146	109696	4.892	ug/L	99
65) 1,4-Dichlorobenzene	11.86	146	107266	4.780	ug/L	99
67) 1,2-Dichlorobenzene	12.23	146	104038	4.857	ug/L	97
68) 1,2-Dibromo-3-chloropropan	13.02	75	6707	4.780	ug/L	97
69) 1,3,5-Trichlorobenzene	13.24	180	83417	4.842	ug/L	96
70) 1,2,4-trichlorobenzene	13.86	180	60293	4.816	ug/L	100
71) Naphthalene	14.10	128	80963	4.534	ug/L	98
72) 1,2,3-Trichlorobenzene	14.35	180	54710	4.834	ug/L	99

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

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