

Data File : VU036569.D
Acq On : 28 Jan 2020 10:06
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00610

Quant Time: Jan 29 06:10:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 28 02:33:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	151459	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	140522	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	70549	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36667	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.93	69	35578	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.59	65	15847	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	4.69	46	88602	48.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.56%
24) Chloroform-d	5.11	84	76862	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.74	65	39314	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.77	84	159512	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.73	67	50291	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.93	98	153772	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.21	79	20770	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.67	63	104695	54.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.46%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	44298	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
66) 1,2-Dichlorobenzene-d4	12.21	152	59028	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	56865	5.120	ug/L 98
3) Chloromethane	1.53	50	58279	4.969	ug/L 98
5) Vinyl chloride	1.62	62	64389	5.058	ug/L 100
6) Bromomethane	1.87	94	40637	5.495	ug/L 97
8) Chloroethane	1.95	64	38571	4.899	ug/L 95
9) Trichlorofluoromethane	2.16	101	74763	5.049	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	47379	5.189	ug/L 97
12) 1,1-Dichloroethene	2.60	96	46871	5.177	ug/L 97
13) Acetone	2.68	43	56819	41.538	ug/L 99
14) Carbon disulfide	2.82	76	143408	5.035	ug/L 100
15) Methyl Acetate	2.99	43	14887	4.258	ug/L 90
16) Methylene chloride	3.08	84	52958	4.300	ug/L 99
17) Methyl tert-butyl Ether	3.41	73	118736	5.222	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	50125	5.154	ug/L 98
19) 1,1-Dichloroethane	3.91	63	87698	5.168	ug/L 99
21) 2-Butanone	4.77	43	101780	46.014	ug/L 97
22) cis-1,2-Dichloroethene	4.71	96	56620	5.219	ug/L 97

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Quant Title : TRACE VOA SFAM1.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	24724	5.414	ug/L	96
25) Chloroform	5.13	83	88232	5.217	ug/L	100
27) 1,2-Dichloroethane	5.83	62	54041	5.095	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	72881	5.194	ug/L	100
30) Cyclohexane	5.43	56	81623	5.098	ug/L	100
31) Carbon tetrachloride	5.56	117	62021	5.212	ug/L	100
33) Benzene	5.81	78	204607	5.182	ug/L	100
34) Trichloroethene	6.58	95	53923	5.155	ug/L	98
35) Methylcyclohexane	6.80	83	93002	5.190	ug/L	99
37) 1,2-Dichloropropane	6.83	63	50479	5.141	ug/L	100
38) Bromodichloromethane	7.14	83	63285	5.275	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	81152	5.358	ug/L	98
40) 4-Methyl-2-pentanone	7.83	43	296472	53.682	ug/L	99
42) Toluene	8.00	91	227761	5.223	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	63785	5.472	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	38461	5.294	ug/L	97
47) Tetrachloroethene	8.58	164	44167	5.186	ug/L	99
48) 2-Hexanone	8.72	43	211235	55.440	ug/L	99
49) Dibromochloromethane	8.84	129	45422	5.463	ug/L	99
50) 1,2-Dibromoethane	8.95	107	37724	5.333	ug/L	95
51) Chlorobenzene	9.47	112	144793	5.170	ug/L	99
52) Ethylbenzene	9.59	91	243613	5.130	ug/L	99
53) m,p-Xylene	9.72	106	95282	5.172	ug/L	98
54) o-Xylene	10.12	106	93944	5.204	ug/L	98
55) Styrene	10.14	104	154541	5.215	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.81	83	50345	5.528	ug/L	96
59) Bromoform	10.32	173	26709	5.635	ug/L	97
60) Isopropylbenzene	10.51	105	245977	5.158	ug/L	100
61) 1,2,3-Trichloropropane	10.85	75	34637	5.274	ug/L	98
62) 1,3,5-Trimethylbenzene	11.11	105	214355	5.245	ug/L	100
63) 1,2,4-Trimethylbenzene	11.49	105	212061	5.229	ug/L	100
64) 1,3-Dichlorobenzene	11.77	146	114503	5.150	ug/L	98
65) 1,4-Dichlorobenzene	11.86	146	114514	5.147	ug/L	99
67) 1,2-Dichlorobenzene	12.23	146	109691	5.165	ug/L	99
68) 1,2-Dibromo-3-chloropropan	13.02	75	7420	5.333	ug/L	90
69) 1,3,5-Trichlorobenzene	13.24	180	87596	5.128	ug/L	97
70) 1,2,4-trichlorobenzene	13.86	180	63692	5.131	ug/L	99
71) Naphthalene	14.10	128	90551	5.114	ug/L	98
72) 1,2,3-Trichlorobenzene	14.35	180	59035	5.261	ug/L	99

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

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