

Data File : VU036553.D
Acq On : 24 Jan 2020 13:53
Operator : JC/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV606

Quant Time: Jan 24 23:22:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 24 23:19:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	6.29	114	166215	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	154321	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	76648	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	44292	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.93	69	39568	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.58	65	18211	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.69	46	105286	52.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.56%
24) Chloroform-d	5.11	84	84951	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.75	65	43416	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.76	84	181871	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.73	67	57231	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	179900	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.21	79	23561	5.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.20%
46) 2-Hexanone-d5	8.67	63	109624	52.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.36%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	45782	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
66) 1,2-Dichlorobenzene-d4	12.21	152	66253	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	75629	6.205	ug/L 100
3) Chloromethane	1.53	50	73651	5.722	ug/L 99
5) Vinyl chloride	1.61	62	89565	6.411	ug/L 98
6) Bromomethane	1.87	94	47948	5.908	ug/L 97
8) Chloroethane	1.95	64	43630	5.049	ug/L 97
9) Trichlorofluoromethane	2.15	101	83460	5.136	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	53416	5.331	ug/L 99
12) 1,1-Dichloroethene	2.60	96	54106	5.446	ug/L 100
13) Acetone	2.68	43	76458	50.933	ug/L 99
14) Carbon disulfide	2.82	76	172587	5.522	ug/L 100
15) Methyl Acetate	3.00	43	19334	5.039	ug/L 100
16) Methylene chloride	3.08	84	64720	4.789	ug/L 98
17) Methyl tert-butyl Ether	3.41	73	132378	5.305	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	58261	5.459	ug/L 99
19) 1,1-Dichloroethane	3.91	63	99278	5.331	ug/L 99
21) 2-Butanone	4.77	43	134252	55.306	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	64433	5.412	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
23) Bromochloromethane	5.02	128	28281	5.643	ug/L	99
25) Chloroform	5.13	83	100126	5.394	ug/L	100
27) 1,2-Dichloroethane	5.84	62	63495	5.454	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	84751	5.500	ug/L	99
30) Cyclohexane	5.42	56	95510	5.431	ug/L	100
31) Carbon tetrachloride	5.56	117	72098	5.517	ug/L	98
33) Benzene	5.81	78	235400	5.428	ug/L	100
34) Trichloroethene	6.58	95	62639	5.453	ug/L	99
35) Methylcyclohexane	6.80	83	109340	5.556	ug/L	99
37) 1,2-Dichloropropane	6.83	63	58440	5.419	ug/L	100
38) Bromodichloromethane	7.14	83	71877	5.456	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	92220	5.545	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	333045	54.912	ug/L	99
42) Toluene	8.00	91	263599	5.504	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	74740	5.838	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	43718	5.479	ug/L	98
47) Tetrachloroethene	8.58	164	51633	5.521	ug/L	98
48) 2-Hexanone	8.72	43	238872	57.088	ug/L	99
49) Dibromochloromethane	8.84	129	51492	5.640	ug/L	100
50) 1,2-Dibromoethane	8.95	107	42632	5.488	ug/L	98
51) Chlorobenzene	9.47	112	169617	5.514	ug/L	99
52) Ethylbenzene	9.60	91	285902	5.482	ug/L	99
53) m,p-Xylene	9.72	106	112419	5.557	ug/L	95
54) o-Xylene	10.12	106	108219	5.459	ug/L	97
55) Styrene	10.14	104	180617	5.550	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.81	83	55319	5.531	ug/L	98
59) Bromoform	10.32	173	28635	5.560	ug/L	99
60) Isopropylbenzene	10.51	105	283917	5.480	ug/L	100
61) 1,2,3-Trichloropropane	10.85	75	38138	5.345	ug/L	98
62) 1,3,5-Trimethylbenzene	11.11	105	245253	5.523	ug/L	99
63) 1,2,4-Trimethylbenzene	11.49	105	249220	5.656	ug/L	99
64) 1,3-Dichlorobenzene	11.77	146	134123	5.552	ug/L	98
65) 1,4-Dichlorobenzene	11.86	146	131278	5.431	ug/L	99
67) 1,2-Dichlorobenzene	12.23	146	127717	5.535	ug/L	99
68) 1,2-Dibromo-3-chloropropan	13.02	75	8316	5.501	ug/L	96
69) 1,3,5-Trichlorobenzene	13.24	180	103545	5.579	ug/L	99
70) 1,2,4-trichlorobenzene	13.86	180	81393	6.035	ug/L	100
71) Naphthalene	14.10	128	135645	7.051	ug/L	99
72) 1,2,3-Trichlorobenzene	14.35	180	75226	6.170	ug/L	99

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

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