Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU113020\
Data File : VU041442.D
Acq On : 30 Nov 2020 15:41
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005209

Quant Time: Dec 01 01:49:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR113020WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 01 01:39:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	63037	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	62243	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	34126	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	19422	4.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.80%			
7) Chloroethane-d5	1.92	69	15989	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.60%			
11) 1,1-Dichloroethene-d2	2.58	65	10241	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.20%			
20) 2-Butanone-d5	4.65	46	58052	42.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.24%			
24) Chloroform-d	5.08	84	47278	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.71	65	29158	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	5.74	84	75327	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.70	67	21897	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.20%			
41) Toluene-d8	7.90	98	73406	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
43) trans-1,3-Dichloropropene-	8.18	79	12574	4.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.80%			
46) 2-Hexanone-d5	8.64	63	43950	45.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.46%			
56) 1,1,2,2-Tetrachloroethane-	10.76	84	20912	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.00%			
66) 1,2-Dichlorobenzene-d4	12.19	152	30532	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	36281	5.245	ug/L	98
3) Chloromethane	1.52	50	24488	4.731	ug/L	100
5) Vinyl chloride	1.61	62	25024	4.690	ug/L	94
6) Bromomethane	1.86	94	16632	5.273	ug/L	99
8) Chloroethane	1.94	64	14970	4.203	ug/L	98
9) Trichlorofluoromethane	2.15	101	54176	5.360	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	24819	5.415	ug/L	97
12) 1,1-Dichloroethene	2.59	96	20467	5.297	ug/L	89
13) Acetone	2.66	43	49452	49.608	ug/L	99
14) Carbon disulfide	2.80	76	58630	5.226	ug/L	98
15) Methyl Acetate	2.97	43	10421	5.144	ug/L	100
16) Methylene chloride	3.06	84	23460	4.816	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	60999	5.145	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	22278	5.500	ug/L	97
19) 1,1-Dichloroethane	3.89	63	40122	4.811	ug/L	96
21) 2-Butanone	4.73	43	64118	44.403	ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	23593	5.248	ug/L	91

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	11216	5.014 ug/L	92
25) Chloroform	5.10	83	48751	4.954 ug/L	99
27) 1,2-Dichloroethane	5.81	62	36611	4.955 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	47231	5.310 ug/L	98
30) Cyclohexane	5.40	56	31188	4.908 ug/L	92
31) Carbon tetrachloride	5.54	117	44193	5.458 ug/L	99
33) Benzene	5.78	78	87083	4.986 ug/L	100
34) Trichloroethene	6.55	95	25141	5.223 ug/L	98
35) Methylcyclohexane	6.77	83	35002	5.289 ug/L	92
37) 1,2-Dichloropropane	6.80	63	21092	4.749 ug/L	99
38) Bromodichloromethane	7.11	83	36332	5.156 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	36043	5.165 ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	153329	47.164 ug/L	97
42) Toluene	7.97	91	99083	5.262 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	34904	5.081 ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	17797	5.060 ug/L	97
47) Tetrachloroethene	8.56	164	19290	5.385 ug/L	97
48) 2-Hexanone	8.69	43	113283	45.527 ug/L	98
49) Dibromochloromethane	8.81	129	24645	5.131 ug/L	98
50) 1,2-Dibromoethane	8.93	107	17708	5.157 ug/L	94
51) Chlorobenzene	9.45	112	65269	5.327 ug/L	97
52) Ethylbenzene	9.57	91	111408	5.231 ug/L	98
53) m,p-Xylene	9.69	106	41017	5.340 ug/L	92
54) o-Xylene	10.10	106	40305	5.433 ug/L	94
55) Styrene	10.11	104	71376	5.464 ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.78	83	22993	4.931 ug/L	98
59) Bromoform	10.29	173	15038	5.405 ug/L	96
60) Isopropylbenzene	10.48	105	113407	5.384 ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	18798	5.133 ug/L	97
62) 1,3,5-Trimethylbenzene	11.09	105	99185	5.503 ug/L	99
63) 1,2,4-Trimethylbenzene	11.47	105	102053	5.578 ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	57430	5.475 ug/L	97
65) 1,4-Dichlorobenzene	11.83	146	58284	5.484 ug/L	99
67) 1,2-Dichlorobenzene	12.21	146	54372	5.300 ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.99	75	5028	5.023 ug/L	96
69) 1,3,5-Trichlorobenzene	13.21	180	43365	5.446 ug/L	99
70) 1,2,4-trichlorobenzene	13.83	180	34909	5.269 ug/L	99
71) Naphthalene	14.08	128	57388	5.235 ug/L	98
72) 1,2,3-Trichlorobenzene	14.32	180	33673	5.666 ug/L	97

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

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