Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
Data File : VU043462.D
Acq On : 30 Apr 2021 06:56
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005153

Quant Time: Apr 30 08:37:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 30 08:34:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	87966	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	87623	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	44778	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21417	4.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.80%			
7) Chloroethane-d5	1.919	69	20095	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.40%			
11) 1,1-Dichloroethene-d2	2.572	65	14438	5.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 111.60%			
20) 2-Butanone-d5	4.658	46	111488	56.83	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.66%			
24) Chloroform-d	5.073	84	60832	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.00%			
26) 1,2-Dichloroethane-d4	5.713	65	37305	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.735	84	105974	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.80%			
36) 1,2-Dichloropropane-d6	6.700	67	36471	5.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.80%			
41) Toluene-d8	7.906	98	96310	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloroprop...	8.186	79	12980	4.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.00%			
46) 2-Hexanone-d5	8.642	63	72639	48.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.50%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	31144	5.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.60%			
66) 1,2-Dichlorobenzene-d4	12.201	152	34978	4.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	30717	5.45	ug/L	100
3) Chloromethane	1.520	50	30815	5.55	ug/L	96
5) Vinyl chloride	1.607	62	30217	5.23	ug/L	100
6) Bromomethane	1.861	94	11850	3.44	ug/L	97
8) Chloroethane	1.938	64	19085	4.58	ug/L	100
9) Trichlorofluoromethane	2.141	101	48139	4.47	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	29054	5.00	ug/L	99
12) 1,1-Dichloroethene	2.584	96	25763	5.27	ug/L	77
13) Acetone	2.668	43	75607	52.45	ug/L	94
14) Carbon disulfide	2.797	76	64394	5.17	ug/L	100
15) Methyl Acetate	2.970	43	16150	5.96	ug/L #	87
16) Methylene chloride	3.054	84	36156	5.71	ug/L #	78
17) Methyl tert-butyl Ether	3.375	73	72815	4.55	ug/L #	88
18) trans-1,2-Dichloroethene	3.359	96	26020	4.99	ug/L	84
19) 1,1-Dichloroethane	3.877	63	63000	5.55	ug/L	96
21) 2-Butanone	4.736	43	131585	55.31	ug/L	78
22) cis-1,2-Dichloroethene	4.674	96	30493	4.94	ug/L	86
23) Bromochloromethane	4.986	128	14898	5.29	ug/L #	69
25) Chloroform	5.099	83	64928	5.36	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.803	62	46279	5.21	ug/L	#	95
29) 1,1,1-Trichloroethane	5.324	97	53533	4.95	ug/L	#	92
30) Cyclohexane	5.398	56	42660	4.60	ug/L	#	83
31) Carbon tetrachloride	5.533	117	42940	4.76	ug/L		100
33) Benzene	5.784	78	124283	5.30	ug/L		100
34) Trichloroethene	6.549	95	30932	4.79	ug/L		97
35) Methylcyclohexane	6.771	83	37211	4.17	ug/L	#	84
37) 1,2-Dichloropropane	6.800	63	37021	5.61	ug/L	#	97
38) Bromodichloromethane	7.115	83	46795	5.29	ug/L		97
39) cis-1,3-Dichloropropene	7.616	75	43143	4.48	ug/L		98
40) 4-Methyl-2-pentanone	7.803	43	321200	54.43	ug/L	#	82
42) Toluene	7.977	91	130920	5.00	ug/L		96
44) trans-1,3-Dichloropropene	8.218	75	40617	4.47	ug/L		96
45) 1,1,2-Trichloroethane	8.407	97	25777	5.23	ug/L		98
47) Tetrachloroethene	8.562	164	22523	4.40	ug/L		93
48) 2-Hexanone	8.694	43	243906	56.17	ug/L	#	82
49) Dibromochloromethane	8.816	129	29898	4.81	ug/L		96
50) 1,2-Dibromoethane	8.931	107	23844	4.86	ug/L	#	100
51) Chlorobenzene	9.452	112	79652	4.77	ug/L		91
52) Ethylbenzene	9.578	91	134970	4.50	ug/L		97
53) m,p-Xylene	9.700	106	48667	4.44	ug/L		87
54) o-Xylene	10.108	106	48813	4.49	ug/L		89
55) Styrene	10.121	104	85441	4.59	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.790	83	34442	5.32	ug/L		99
59) Bromoform	10.298	173	17596	4.81	ug/L	#	97
60) Isopropylbenzene	10.491	105	131525	4.58	ug/L	#	96
61) 1,2,3-Trichloropropane	10.832	75	25464	5.50	ug/L		96
62) 1,3,5-Trimethylbenzene	11.095	105	101026	4.30	ug/L		96
63) 1,2,4-Trimethylbenzene	11.475	105	101106	4.18	ug/L		97
64) 1,3-Dichlorobenzene	11.751	146	64328	4.72	ug/L		100
65) 1,4-Dichlorobenzene	11.845	146	63881	4.62	ug/L		99
67) 1,2-Dichlorobenzene	12.221	146	62756	4.74	ug/L		96
68) 1,2-Dibromo-3-chloropr...	13.002	75	5652	5.02	ug/L		81
69) 1,3,5-Trichlorobenzene	13.227	180	47737	4.27	ug/L		99
70) 1,2,4-trichlorobenzene	13.848	180	39177	4.23	ug/L		100
71) Naphthalene	14.095	128	73913	4.73	ug/L		99
72) 1,2,3-Trichlorobenzene	14.336	180	39298	4.63	ug/L		99

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

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