Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043133.D
Acq On : 15 Apr 2021 20:09
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 16 05:39:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 05:01:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD005137

Manual Integrations APPROVED

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4/19/2021 10:20:27 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	93271	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	92028	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	49267	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	23539	4.96	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.20%			
7) Chloroethane-d5	1.919	69	21686	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.571	65	14548	5.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.00%			
20) 2-Butanone-d5	4.642	46	108342m	52.08	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.16%			
24) Chloroform-d	5.073	84	61977	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
26) 1,2-Dichloroethane-d4	5.713	65	36677	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
32) Benzene-d6	5.735	84	108393	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.700	67	35806	5.04	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.80%			
41) Toluene-d8	7.906	98	108851	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
43) trans-1,3-Dichloroprop...	8.189	79	15183	4.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.80%			
46) 2-Hexanone-d5	8.642	63	80596	51.50	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.00%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	32472	5.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.00%			
66) 1,2-Dichlorobenzene-d4	12.201	152	43175	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	32370	5.41	ug/L	96
3) Chloromethane	1.523	50	30167	5.13	ug/L	97
5) Vinyl chloride	1.607	62	31530	5.14	ug/L	99
6) Bromomethane	1.861	94	19042	5.21	ug/L	100
8) Chloroethane	1.938	64	20575	4.66	ug/L	97
9) Trichlorofluoromethane	2.144	101	58655	5.14	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30659	4.97	ug/L	92
12) 1,1-Dichloroethene	2.588	96	27526	5.31	ug/L	86
13) Acetone	2.649	43	76757m	50.22	ug/L	
14) Carbon disulfide	2.800	76	68452	5.18	ug/L	100
15) Methyl Acetate	2.964	43	14432	5.02	ug/L #	88
16) Methylene chloride	3.054	84	34163	5.09	ug/L	85
17) Methyl tert-butyl Ether	3.372	73	85033	5.02	ug/L #	92
18) trans-1,2-Dichloroethene	3.362	96	28611	5.18	ug/L	92
19) 1,1-Dichloroethane	3.880	63	62083	5.16	ug/L	97
21) 2-Butanone	4.723	43	135054m	53.54	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	33237	5.08	ug/L	91
23) Bromochloromethane	4.986	128	16035	5.37	ug/L #	81
25) Chloroform	5.099	83	66582	5.19	ug/L	100

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 16 05:39:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.803	62	48258	5.13	ug/L	#	93
29) 1,1,1-Trichloroethane	5.327	97	58352	5.14	ug/L		94
30) Cyclohexane	5.398	56	50217	5.16	ug/L		86
31) Carbon tetrachloride	5.533	117	48844	5.16	ug/L		97
33) Benzene	5.784	78	127510	5.18	ug/L		100
34) Trichloroethene	6.549	95	34451	5.08	ug/L		94
35) Methylcyclohexane	6.771	83	46785	4.99	ug/L		90
37) 1,2-Dichloropropane	6.800	63	35294	5.09	ug/L	#	96
38) Bromodichloromethane	7.115	83	49582	5.33	ug/L		100
39) cis-1,3-Dichloropropene	7.616	75	49730	4.91	ug/L		99
40) 4-Methyl-2-pentanone	7.803	43	331132	53.42	ug/L	#	83
42) Toluene	7.976	91	143415	5.21	ug/L		98
44) trans-1,3-Dichloropropene	8.218	75	47630	4.99	ug/L		98
45) 1,1,2-Trichloroethane	8.407	97	27094	5.23	ug/L		94
47) Tetrachloroethene	8.562	164	27675	5.15	ug/L		90
48) 2-Hexanone	8.697	43	247320	54.23	ug/L	#	83
49) Dibromochloromethane	8.819	129	34064	5.22	ug/L		95
50) 1,2-Dibromoethane	8.931	107	25839	5.02	ug/L		99
51) Chlorobenzene	9.455	112	91642	5.23	ug/L		95
52) Ethylbenzene	9.578	91	161972	5.15	ug/L		97
53) m,p-Xylene	9.700	106	59665	5.18	ug/L		88
54) o-Xylene	10.108	106	59335	5.20	ug/L		93
55) Styrene	10.121	104	100840	5.16	ug/L		93
57) 1,1,2,2-Tetrachloroethane	10.790	83	36659	5.39	ug/L		99
59) Bromoform	10.298	173	21089	5.24	ug/L		99
60) Isopropylbenzene	10.491	105	162082	5.13	ug/L		97
61) 1,2,3-Trichloropropane	10.832	75	26682	5.24	ug/L		97
62) 1,3,5-Trimethylbenzene	11.095	105	134710	5.21	ug/L		97
63) 1,2,4-Trimethylbenzene	11.475	105	135894	5.11	ug/L		96
64) 1,3-Dichlorobenzene	11.754	146	77468	5.16	ug/L		99
65) 1,4-Dichlorobenzene	11.844	146	76993	5.06	ug/L		96
67) 1,2-Dichlorobenzene	12.221	146	76828	5.27	ug/L		98
68) 1,2-Dibromo-3-chloropr...	13.005	75	6492	5.24	ug/L		92
69) 1,3,5-Trichlorobenzene	13.227	180	60987	4.96	ug/L		99
70) 1,2,4-trichlorobenzene	13.848	180	50719	4.98	ug/L		99
71) Naphthalene	14.095	128	85477	4.97	ug/L		99
72) 1,2,3-Trichlorobenzene	14.339	180	47053	5.04	ug/L		99

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

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