Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022721\
Data File : VU042450.D
Acq On : 26 Feb 2021 16:11
Operator : SY/MD
Sample : M1344-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 27 00:34:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022621WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 27 00:17:17 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2021-03

Manual Integrations APPROVED
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3/3/2021 3:46:24 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	94166	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	91323	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	48838	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	21042	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.919	69	22209	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%			
11) 1,1-Dichloroethene-d2	2.571	65	13674	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.40%			
20) 2-Butanone-d5	4.652	46	113743	50.98	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.96%			
24) Chloroform-d	5.073	84	59569	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
26) 1,2-Dichloroethane-d4	5.713	65	38688	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
32) Benzene-d6	5.735	84	110787	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	6.700	67	36459	4.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.60%			
41) Toluene-d8	7.906	98	101021	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
43) trans-1,3-Dichloroprop...	8.189	79	13455	4.36	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.20%			
46) 2-Hexanone-d5	8.648	63	77847	47.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.62%			
56) 1,1,2,2-Tetrachloroeth...	10.767	84	30930	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.80%			
66) 1,2-Dichlorobenzene-d4	12.201	152	42812	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	2428	0.25	ug/L	97
3) Chloromethane	1.523	50	2479	0.29	ug/L	95
5) Vinyl chloride	1.607	62	2353	0.28	ug/L #	72
6) Bromomethane	1.864	94	1334	0.26	ug/L	92
8) Chloroethane	1.938	64	1470	0.29	ug/L	99
9) Trichlorofluoromethane	2.144	101	3461	0.25	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	2271	0.31	ug/L #	86
12) 1,1-Dichloroethene	2.591	96	1984	0.30	ug/L #	1
13) Acetone	2.674	43	3668m	2.63	ug/L	
14) Carbon disulfide	2.803	76	6027	0.28	ug/L	97
15) Methyl Acetate	2.970	43	979	0.30	ug/L #	54
16) Methylene chloride	3.051	84	2822	0.36	ug/L	86
17) Methyl tert-butyl Ether	3.375	73	4877	0.26	ug/L	98
18) trans-1,2-Dichloroethene	3.366	96	1864	0.27	ug/L	89
19) 1,1-Dichloroethane	3.880	63	3252	0.24	ug/L #	89
21) 2-Butanone	4.732	43	6017	2.41	ug/L #	64
22) cis-1,2-Dichloroethene	4.677	96	1912	0.25	ug/L	84
23) Bromochloromethane	4.986	128	863	0.24	ug/L	96
25) Chloroform	5.099	83	4306	0.30	ug/L	94

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Quant Time: Feb 27 00:34:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022621WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.809	62	2858	0.27	ug/L	#	90
29) 1,1,1-Trichloroethane	5.324	97	2993	0.23	ug/L		96
30) Cyclohexane	5.401	56	3154	0.24	ug/L		91
31) Carbon tetrachloride	5.539	117	2783	0.25	ug/L		98
33) Benzene	5.784	78	7203	0.24	ug/L		100
34) Trichloroethene	6.552	95	1894	0.23	ug/L		86
35) Methylcyclohexane	6.767	83	3215	0.26	ug/L		96
37) 1,2-Dichloropropane	6.800	63	2129	0.27	ug/L	#	90
38) Bromodichloromethane	7.118	83	2242	0.22	ug/L	#	98
39) cis-1,3-Dichloropropene	7.619	75	2826	0.25	ug/L		92
40) 4-Methyl-2-pentanone	7.806	43	17055	2.59	ug/L		97
42) Toluene	7.980	91	8231	0.26	ug/L		99
44) trans-1,3-Dichloropropene	8.221	75	3174	0.31	ug/L		92
45) 1,1,2-Trichloroethane	8.407	97	1435	0.25	ug/L		85
47) Tetrachloroethene	8.558	164	1562	0.24	ug/L		92
48) 2-Hexanone	8.700	43	14557	3.05	ug/L		93
49) Dibromochloromethane	8.819	129	1714	0.24	ug/L		93
50) 1,2-Dibromoethane	8.934	107	1402	0.24	ug/L	#	93
51) Chlorobenzene	9.455	112	5242	0.26	ug/L		98
52) Ethylbenzene	9.578	91	8931	0.25	ug/L		100
53) m,p-Xylene	9.700	106	3230	0.24	ug/L		90
54) o-Xylene	10.108	106	3304	0.26	ug/L		85
55) Styrene	10.121	104	4660	0.21	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.793	83	1981	0.27	ug/L	#	99
59) Bromoform	10.295	173	840	0.20	ug/L	#	96
60) Isopropylbenzene	10.491	105	8443	0.25	ug/L		95
61) 1,2,3-Trichloropropane	10.832	75	1390	0.26	ug/L		89
62) 1,3,5-Trimethylbenzene	11.095	105	6904	0.24	ug/L		99
63) 1,2,4-Trimethylbenzene	11.475	105	7129	0.25	ug/L		99
64) 1,3-Dichlorobenzene	11.754	146	4524	0.28	ug/L		95
65) 1,4-Dichlorobenzene	11.848	146	4543	0.28	ug/L		94
67) 1,2-Dichlorobenzene	12.224	146	4363	0.28	ug/L		94
68) 1,2-Dibromo-3-chloropr...	13.012	75	273	0.22	ug/L		84
69) 1,3,5-Trichlorobenzene	13.227	180	3862	0.29	ug/L		95
70) 1,2,4-trichlorobenzene	13.851	180	3005	0.29	ug/L		97
71) Naphthalene	14.098	128	3288	0.21	ug/L	#	93
72) 1,2,3-Trichlorobenzene	14.343	180	2618	0.28	ug/L		96

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

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