Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
Data File : VU043441.D
Acq On : 29 Apr 2021 21:41
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005152

Quant Time: Apr 30 07:32:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 30 07:27:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	88591	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	89055	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	45339	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	21163	4.70	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.00%			
7) Chloroethane-d5	1.919	69	20546	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.80%			
11) 1,1-Dichloroethene-d2	2.571	65	13159	5.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.00%			
20) 2-Butanone-d5	4.652	46	111003	56.18	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.36%			
24) Chloroform-d	5.073	84	61579	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.60%			
26) 1,2-Dichloroethane-d4	5.713	65	35748	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.735	84	104721	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
36) 1,2-Dichloropropane-d6	6.700	67	35960	5.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.60%			
41) Toluene-d8	7.906	98	94378	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.60%			
43) trans-1,3-Dichloroprop...	8.185	79	13207	4.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.00%			
46) 2-Hexanone-d5	8.642	63	70019	46.23	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.46%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	30557	5.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.00%			
66) 1,2-Dichlorobenzene-d4	12.201	152	35477	4.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	31121	5.48	ug/L	99
3) Chloromethane	1.523	50	31108	5.57	ug/L	99
5) Vinyl chloride	1.607	62	29667	5.10	ug/L	98
6) Bromomethane	1.861	94	13334	3.84	ug/L	98
8) Chloroethane	1.938	64	18819	4.49	ug/L	100
9) Trichlorofluoromethane	2.144	101	47313	4.36	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	28760	4.91	ug/L	97
12) 1,1-Dichloroethene	2.587	96	25014	5.08	ug/L	88
13) Acetone	2.661	43	79457	54.73	ug/L #	63
14) Carbon disulfide	2.800	76	61686	4.91	ug/L	100
15) Methyl Acetate	2.967	43	17211	6.30	ug/L #	85
16) Methylene chloride	3.054	84	34632	5.43	ug/L #	79
17) Methyl tert-butyl Ether	3.375	73	69596	4.32	ug/L #	89
18) trans-1,2-Dichloroethene	3.362	96	25852	4.92	ug/L	84
19) 1,1-Dichloroethane	3.877	63	60192	5.26	ug/L	95
21) 2-Butanone	4.729	43	124242	51.85	ug/L	82
22) cis-1,2-Dichloroethene	4.677	96	29726	4.78	ug/L	82
23) Bromochloromethane	4.983	128	14317	5.05	ug/L #	69
25) Chloroform	5.099	83	62551	5.13	ug/L	98

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005152

Quant Time: Apr 30 07:32:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 30 07:27:36 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.803	62	46270	5.17	ug/L	#	93
29) 1,1,1-Trichloroethane	5.324	97	53020	4.82	ug/L	#	94
30) Cyclohexane	5.398	56	42369	4.50	ug/L	#	83
31) Carbon tetrachloride	5.533	117	42440	4.63	ug/L		100
33) Benzene	5.783	78	120739	5.07	ug/L		100
34) Trichloroethene	6.549	95	30570	4.66	ug/L		89
35) Methylcyclohexane	6.771	83	37597	4.14	ug/L	#	86
37) 1,2-Dichloropropane	6.800	63	36593	5.46	ug/L	#	96
38) Bromodichloromethane	7.115	83	45243	5.03	ug/L		96
39) cis-1,3-Dichloropropene	7.616	75	43568	4.45	ug/L		99
40) 4-Methyl-2-pentanone	7.799	43	300547	50.11	ug/L	#	82
42) Toluene	7.976	91	125436	4.71	ug/L		99
44) trans-1,3-Dichloropropene	8.217	75	39937	4.33	ug/L		97
45) 1,1,2-Trichloroethane	8.407	97	23998	4.79	ug/L		94
47) Tetrachloroethene	8.558	164	22189	4.27	ug/L		95
48) 2-Hexanone	8.693	43	233083	52.81	ug/L	#	81
49) Dibromochloromethane	8.816	129	29342	4.64	ug/L		95
50) 1,2-Dibromoethane	8.931	107	22122	4.44	ug/L	#	99
51) Chlorobenzene	9.455	112	78123	4.60	ug/L		92
52) Ethylbenzene	9.578	91	133592	4.39	ug/L		95
53) m,p-Xylene	9.700	106	48046	4.31	ug/L		86
54) o-Xylene	10.108	106	48027	4.35	ug/L		88
55) Styrene	10.121	104	84650	4.47	ug/L		93
57) 1,1,2,2-Tetrachloroethane	10.790	83	32913	5.00	ug/L		99
59) Bromoform	10.298	173	16865	4.55	ug/L	#	98
60) Isopropylbenzene	10.491	105	131242	4.51	ug/L	#	96
61) 1,2,3-Trichloropropane	10.832	75	23384	4.99	ug/L		97
62) 1,3,5-Trimethylbenzene	11.095	105	102436	4.30	ug/L		94
63) 1,2,4-Trimethylbenzene	11.475	105	103667	4.24	ug/L		96
64) 1,3-Dichlorobenzene	11.751	146	63454	4.59	ug/L		98
65) 1,4-Dichlorobenzene	11.844	146	63446	4.53	ug/L		98
67) 1,2-Dichlorobenzene	12.221	146	62233	4.64	ug/L		96
68) 1,2-Dibromo-3-chloropr...	13.005	75	5175	4.54	ug/L		92
69) 1,3,5-Trichlorobenzene	13.227	180	49103	4.34	ug/L		97
70) 1,2,4-trichlorobenzene	13.847	180	38503	4.10	ug/L		98
71) Naphthalene	14.095	128	68853	4.35	ug/L		99
72) 1,2,3-Trichlorobenzene	14.336	180	37818	4.40	ug/L		97

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

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