Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082421\
Data File : VU044516.D
Acq On : 24 Aug 2021 10:42
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005094

Manual Integrations APPROVED
MMDadoda
8/25/2021 12:38:56 PM

Quant Time: Aug 25 03:43:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 24 06:16:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	108285	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	107899	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	54581	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40497	4.624	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.400%			
7) Chloroethane-d5	1.916	69	38253	5.026	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.600%			
11) 1,1-Dichloroethene-d2	2.571	65	19158	5.142	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.800%			
20) 2-Butanone-d5	4.639	46	141111m	58.261	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.520%			
24) Chloroform-d	5.070	84	85612	5.528	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.600%			
26) 1,2-Dichloroethane-d4	5.710	65	46594	5.517	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.400%			
32) Benzene-d6	5.735	84	164850	5.426	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.600%			
36) 1,2-Dichloropropane-d6	6.697	67	53966	5.552	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.000%			
41) Toluene-d8	7.906	98	148085	5.496	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.000%			
43) trans-1,3-Dichloroprop...	8.185	79	19724	5.650	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 113.000%			
46) 2-Hexanone-d5	8.642	63	118812	62.940	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 125.880%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	47196	5.765	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 115.400%			
66) 1,2-Dichlorobenzene-d4	12.198	152	50915	5.521	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	58775	5.278	ug/L	100
3) Chloromethane	1.520	50	72036	4.938	ug/L	99
5) Vinyl chloride	1.607	62	73325	5.437	ug/L	100
6) Bromomethane	1.861	94	41307	5.635	ug/L	100
8) Chloroethane	1.938	64	44894	5.445	ug/L	97
9) Trichlorofluoromethane	2.144	101	84637	5.489	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	48164	5.677	ug/L	99
12) 1,1-Dichloroethene	2.584	96	46240	5.556	ug/L	96
13) Acetone	2.645	43	99566m	49.505	ug/L	
14) Carbon disulfide	2.800	76	144653	5.359	ug/L	99
15) Methyl Acetate	2.961	43	16057	4.888	ug/L #	87
16) Methylene chloride	3.051	84	59472	4.810	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	119787	5.566	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	48444	5.587	ug/L	99
19) 1,1-Dichloroethane	3.877	63	93351	5.554	ug/L	97
21) 2-Butanone	4.719	43	167193m	58.335	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	52825	5.698	ug/L	98
23) Bromochloromethane	4.983	128	22624	5.535	ug/L	99
25) Chloroform	5.096	83	95479	5.536	ug/L	98

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Data File : VU044516.D
Acq On : 24 Aug 2021 10:42
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005094

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Quant Time: Aug 25 03:43:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.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	66529	5.783	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	76972	5.700	ug/L	99
30) Cyclohexane	5.398	56	82992	5.559	ug/L	99
31) Carbon tetrachloride	5.533	117	63176	5.693	ug/L	98
33) Benzene	5.780	78	209286	5.717	ug/L	100
34) Trichloroethene	6.549	95	52672	5.820	ug/L	95
35) Methylcyclohexane	6.771	83	84095	5.571	ug/L	98
37) 1,2-Dichloropropane	6.800	63	55085	5.746	ug/L	100
38) Bromodichloromethane	7.115	83	66727	5.669	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	75661	5.628	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	394185	60.564	ug/L	99
42) Toluene	7.976	91	218706	5.735	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	65691	5.765	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	40698	5.954	ug/L	96
47) Tetrachloroethene	8.558	164	35765	5.715	ug/L	99
48) 2-Hexanone	8.693	43	288270	62.071	ug/L	98
49) Dibromochloromethane	8.816	129	42192	5.833	ug/L	97
50) 1,2-Dibromoethane	8.931	107	38293	5.857	ug/L	98
51) Chlorobenzene	9.452	112	132344	5.655	ug/L	98
52) Ethylbenzene	9.574	91	229125	5.688	ug/L	99
53) m,p-Xylene	9.700	106	88628	5.852	ug/L	98
54) o-Xylene	10.105	106	86907	5.891	ug/L	98
55) Styrene	10.121	104	150052	6.204	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	53297	5.922	ug/L	99
59) Bromoform	10.298	173	21948	5.692	ug/L	100
60) Isopropylbenzene	10.491	105	226496	5.686	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	39473	5.787	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	186233	5.718	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	191248	5.726	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	97688	5.585	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	99064	5.606	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	95997	5.759	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.002	75	7875	5.645	ug/L	95
69) 1,3,5-Trichlorobenzene	13.224	180	68697	5.579	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	53570	5.550	ug/L	99
71) Naphthalene	14.092	128	109491	5.950	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	52090	5.894	ug/L	99

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

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