Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090221\
Data File : VU044554.D
Acq On : 02 Sep 2021 15:16
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005098

Manual Integrations APPROVED
MMDadoda
9/7/2021 9:07:32 AM

Quant Time: Sep 03 02:36:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 28 01:19:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110045	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	114925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	62311	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	44960	5.052	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.000%			
7) Chloroethane-d5	1.919	69	43327	5.601	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.000%			
11) 1,1-Dichloroethene-d2	2.572	65	18753	4.953	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.000%			
20) 2-Butanone-d5	4.642	46	121404m	49.323	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.640%			
24) Chloroform-d	5.070	84	79438	5.048	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.000%			
26) 1,2-Dichloroethane-d4	5.710	65	43130	5.026	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.600%			
32) Benzene-d6	5.736	84	168447	5.205	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.200%			
36) 1,2-Dichloropropane-d6	6.697	67	50673	4.894	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.800%			
41) Toluene-d8	7.903	98	155909	5.433	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.600%			
43) trans-1,3-Dichloroprop...	8.186	79	18784	5.052	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.000%			
46) 2-Hexanone-d5	8.642	63	106770	53.103	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.200%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46499	5.333	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.600%			
66) 1,2-Dichlorobenzene-d4	12.198	152	58999	5.604	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	53064	4.689	ug/L	100
3) Chloromethane	1.520	50	57769	3.896	ug/L	98
5) Vinyl chloride	1.607	62	64477	4.704	ug/L	99
6) Bromomethane	1.861	94	34455	4.625	ug/L	99
8) Chloroethane	1.938	64	41389	4.940	ug/L	99
9) Trichlorofluoromethane	2.144	101	79399	5.067	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	46592	5.403	ug/L	96
12) 1,1-Dichloroethene	2.584	96	43446	5.137	ug/L	92
13) Acetone	2.646	43	83508m	40.857	ug/L	
14) Carbon disulfide	2.800	76	129355	4.715	ug/L	99
15) Methyl Acetate	2.964	43	14651	4.389	ug/L #	89
16) Methylene chloride	3.054	84	52456	4.175	ug/L	88
17) Methyl tert-butyl Ether	3.372	73	105342	4.816	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	45742	5.191	ug/L	92
19) 1,1-Dichloroethane	3.877	63	78709	4.608	ug/L	98
21) 2-Butanone	4.723	43	136659m	46.919	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	49283	5.231	ug/L	92
23) Bromochloromethane	4.983	128	23163	5.577	ug/L #	84
25) Chloroform	5.096	83	88696	5.061	ug/L	98

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005098

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Quant Time: Sep 03 02:36:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 28 01:19:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	56311	4.817	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	70322	4.889	ug/L	97
30) Cyclohexane	5.395	56	69217	4.353	ug/L	91
31) Carbon tetrachloride	5.533	117	55517	4.697	ug/L	98
33) Benzene	5.781	78	189005	4.848	ug/L	100
34) Trichloroethene	6.549	95	47972	4.976	ug/L	95
35) Methylcyclohexane	6.771	83	76226	4.741	ug/L	94
37) 1,2-Dichloropropane	6.797	63	46915	4.595	ug/L	99
38) Bromodichloromethane	7.112	83	61028	4.868	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	69094	4.825	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	323119	46.610	ug/L	95
42) Toluene	7.973	91	210579	5.185	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	58846	4.849	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	38643	5.308	ug/L	98
47) Tetrachloroethene	8.559	164	37637	5.646	ug/L	97
48) 2-Hexanone	8.694	43	241815	48.885	ug/L	96
49) Dibromochloromethane	8.816	129	42127	5.468	ug/L	96
50) 1,2-Dibromoethane	8.932	107	37570	5.395	ug/L	97
51) Chlorobenzene	9.452	112	129766	5.206	ug/L	96
52) Ethylbenzene	9.575	91	221306	5.158	ug/L	99
53) m,p-Xylene	9.700	106	88864	5.509	ug/L	93
54) o-Xylene	10.105	106	84634	5.386	ug/L	95
55) Styrene	10.118	104	150474	5.841	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	49921	5.207	ug/L	99
59) Bromoform	10.298	173	23251	5.282	ug/L	99
60) Isopropylbenzene	10.488	105	224304	4.933	ug/L	98
61) 1,2,3-Trichloropropane	10.829	75	35467	4.555	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	186401	5.013	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	194440	5.099	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	107266	5.372	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	109348	5.420	ug/L	97
67) 1,2-Dichlorobenzene	12.218	146	102532	5.388	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	7572	4.754	ug/L	89
69) 1,3,5-Trichlorobenzene	13.224	180	81015	5.763	ug/L	98
70) 1,2,4-trichlorobenzene	13.845	180	67602	6.135	ug/L	97
71) Naphthalene	14.092	128	121783	5.797	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	62269	6.172	ug/L	98

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

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