Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091521\
Data File : VU044636.D
Acq On : 15 Sep 2021 10:02
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005108

Manual Integrations APPROVED
MMDadoda
9/16/2021 12:12:08 PM

Quant Time: Sep 16 01:25:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 15 01:41:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	142531	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	145970	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	75287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36890	4.386	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.800%			
7) Chloroethane-d5	1.919	69	40093	4.671	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.400%			
11) 1,1-Dichloroethene-d2	2.572	65	19292	4.542	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.800%			
20) 2-Butanone-d5	4.642	46	181363	51.445	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.900%			
24) Chloroform-d	5.073	84	82343	4.655	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.000%			
26) 1,2-Dichloroethane-d4	5.710	65	50965	4.832	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.600%			
32) Benzene-d6	5.735	84	169151	4.545	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.800%			
36) 1,2-Dichloropropane-d6	6.700	67	57393	4.695	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.000%			
41) Toluene-d8	7.906	98	148740	4.591	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
43) trans-1,3-Dichloroprop...	8.185	79	20257	4.701	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.000%			
46) 2-Hexanone-d5	8.645	63	134727	48.651	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.300%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	52361	4.831	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.600%			
66) 1,2-Dichlorobenzene-d4	12.198	152	54997	4.427	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	56955	5.011	ug/L	99
3) Chloromethane	1.520	50	69204	5.065	ug/L	100
5) Vinyl chloride	1.607	62	71402	5.123	ug/L	97
6) Bromomethane	1.861	94	37026	5.184	ug/L	96
8) Chloroethane	1.938	64	45025	5.069	ug/L	99
9) Trichlorofluoromethane	2.144	101	83314	5.309	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	51049	5.299	ug/L	99
12) 1,1-Dichloroethene	2.588	96	48053	5.248	ug/L	89
13) Acetone	2.649	43	122186m	53.214	ug/L	
14) Carbon disulfide	2.800	76	141817	4.892	ug/L	99
15) Methyl Acetate	2.964	43	19307	4.657	ug/L	97
16) Methylene chloride	3.054	84	61019	4.191	ug/L	100
17) Methyl tert-butyl Ether	3.375	73	129882	5.132	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	50324	5.170	ug/L	98
19) 1,1-Dichloroethane	3.877	63	103136	5.241	ug/L	100
21) 2-Butanone	4.719	43	201200m	52.480	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	55076	5.133	ug/L	95
23) Bromochloromethane	4.983	128	24420	5.372	ug/L	97
25) Chloroform	5.096	83	112852	5.381	ug/L	99

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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 :
VSTD005108

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Quant Time: Sep 16 01:25:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.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	74241	5.407	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	84023	5.283	ug/L	99
30) Cyclohexane	5.398	56	88663	4.867	ug/L	100
31) Carbon tetrachloride	5.533	117	64011	5.142	ug/L	99
33) Benzene	5.784	78	225461	5.204	ug/L	100
34) Trichloroethene	6.549	95	55683	5.192	ug/L	99
35) Methylcyclohexane	6.771	83	87360	4.957	ug/L	100
37) 1,2-Dichloropropane	6.800	63	59413	5.118	ug/L	100
38) Bromodichloromethane	7.115	83	74638	5.303	ug/L	96
39) cis-1,3-Dichloropropene	7.613	75	82624	5.024	ug/L	96
40) 4-Methyl-2-pentanone	7.803	43	469670	51.978	ug/L	100
42) Toluene	7.976	91	236035	5.217	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	73845	5.262	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	44085	5.341	ug/L	99
47) Tetrachloroethene	8.558	164	37907	5.090	ug/L	98
48) 2-Hexanone	8.697	43	343324	51.047	ug/L	99
49) Dibromochloromethane	8.816	129	46449	5.356	ug/L	99
50) 1,2-Dibromoethane	8.931	107	40948	5.269	ug/L	100
51) Chlorobenzene	9.452	112	142100	5.066	ug/L	99
52) Ethylbenzene	9.578	91	248534	5.071	ug/L	99
53) m,p-Xylene	9.700	106	95855	5.144	ug/L	99
54) o-Xylene	10.105	106	90810	5.101	ug/L	100
55) Styrene	10.121	104	163950	5.261	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	57783	5.214	ug/L	99
59) Bromoform	10.298	173	24684	5.275	ug/L	98
60) Isopropylbenzene	10.491	105	242696	5.150	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	43542	5.234	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	197149	5.037	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	205287	5.107	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	111060	5.054	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	112133	4.946	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	105914	5.078	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	9123	4.987	ug/L	96
69) 1,3,5-Trichlorobenzene	13.224	180	79904	4.783	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	65001	4.613	ug/L	100
71) Naphthalene	14.092	128	113508	4.129	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	59881	4.617	ug/L	99

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

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