Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044613.D
Acq On : 09 Sep 2021 14:51
Operator : SY/MD
Sample : VSTD02025
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 10 01:08:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:05:30 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD020025

Manual Integrations APPROVED
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9/10/2021 10:50:18 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	159891	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	158973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	83870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	181437	14.536	ug/L	0.00
7) Chloroethane-d5	1.915	69	186961	16.903	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	91347	16.746	ug/L	0.00
20) 2-Butanone-d5	4.636	46	788484	213.552	ug/L	0.00
24) Chloroform-d	5.070	84	411191	18.381	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	231601	18.513	ug/L	0.00
32) Benzene-d6	5.735	84	818603	18.277	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	271390	18.911	ug/L	0.00
41) Toluene-d8	7.906	98	728597	18.366	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	103494	20.113	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	651439	226.970	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	232309	19.050	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	261309	18.381	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	260347	16.553	ug/L	100
3) Chloromethane	1.520	50	302685	14.775	ug/L	99
5) Vinyl chloride	1.607	62	314967	16.476	ug/L	98
6) Bromomethane	1.861	94	159490	15.411	ug/L	99
8) Chloroethane	1.935	64	200498	16.955	ug/L	99
9) Trichlorofluoromethane	2.141	101	361255	16.481	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	219635	17.948	ug/L	99
12) 1,1-Dichloroethene	2.584	96	211911	17.693	ug/L	94
13) Acetone	2.645	43	524261m	177.611	ug/L	
14) Carbon disulfide	2.796	76	674806	17.519	ug/L	100
15) Methyl Acetate	2.960	43	126567	27.189	ug/L	92
16) Methylene chloride	3.051	84	253225	13.702	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	628748	20.197	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	229338	18.361	ug/L	99
19) 1,1-Dichloroethane	3.877	63	456972	18.640	ug/L	99
21) 2-Butanone	4.716	43	876883	205.273	ug/L	82
22) cis-1,2-Dichloroethene	4.674	96	257101	19.256	ug/L	97
23) Bromochloromethane	4.983	128	107644	18.541	ug/L	94
25) Chloroform	5.095	83	457325	17.949	ug/L	98
27) 1,2-Dichloroethane	5.803	62	316998	19.026	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	371338	19.011	ug/L	99
30) Cyclohexane	5.394	56	437822	20.179	ug/L	100
31) Carbon tetrachloride	5.533	117	294239	18.489	ug/L	100
33) Benzene	5.780	78	1006080	18.970	ug/L	100
34) Trichloroethene	6.549	95	249996	19.018	ug/L	98
35) Methylcyclohexane	6.771	83	433808	19.924	ug/L	98
37) 1,2-Dichloropropane	6.796	63	269213	19.304	ug/L	99
38) Bromodichloromethane	7.111	83	330017	19.393	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	406826	20.790	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	2094461	216.406	ug/L	98
42) Toluene	7.976	91	1075530	19.390	ug/L	99
44) trans-1,3-Dichloropropene	8.217	75	353945	21.276	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	191238	19.308	ug/L	98
47) Tetrachloroethene	8.558	164	173026	18.974	ug/L	97
48) 2-Hexanone	8.693	43	1533757	219.896	ug/L	99
49) Dibromochloromethane	8.816	129	208783	19.974	ug/L	100
50) 1,2-Dibromoethane	8.931	107	181119	19.110	ug/L	99
51) Chlorobenzene	9.452	112	647467	19.097	ug/L	99
52) Ethylbenzene	9.574	91	1189365	20.339	ug/L	99
53) m,p-Xylene	9.700	106	453143	20.571	ug/L	98
54) o-Xylene	10.105	106	438765	20.586	ug/L	99
55) Styrene	10.118	104	775259	21.726	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	257515	19.753	ug/L	100
59) Bromoform	10.298	173	117140	20.184	ug/L	100
60) Isopropylbenzene	10.491	105	1171484	19.582	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	188835	18.244	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	1004918	20.529	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	1040943	20.748	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	516655	19.521	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	515177	19.181	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	485590	19.270	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	44165	20.574	ug/L	88
69) 1,3,5-Trichlorobenzene	13.224	180	394850	20.933	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	349242	23.385	ug/L	99
71) Naphthalene	14.092	128	717432	25.392	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	317694	23.272	ug/L	100

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

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