Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081821\
Data File : VU044447.D
Acq On : 18 Aug 2021 14:09
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 19 04:03:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 19 03:54:51 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VICV020

Manual Integrations APPROVED
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8/19/2021 3:31:29 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	125037	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	121547	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	62582	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	46978	4.645	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.000%			
7) Chloroethane-d5	1.916	69	41809	4.757	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.200%			
11) 1,1-Dichloroethene-d2	2.571	65	20541	4.775	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.400%			
20) 2-Butanone-d5	4.642	46	139828m	49.996	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.000%			
24) Chloroform-d	5.073	84	87368	4.886	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.800%			
26) 1,2-Dichloroethane-d4	5.710	65	46356	4.754	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
32) Benzene-d6	5.735	84	170836	4.991	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.800%			
36) 1,2-Dichloropropane-d6	6.700	67	54418	4.970	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.400%			
41) Toluene-d8	7.902	98	155657	5.129	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.600%			
43) trans-1,3-Dichloroprop...	8.185	79	20420	5.193	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.800%			
46) 2-Hexanone-d5	8.645	63	115572	54.349	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.700%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	45369	4.920	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.400%			
66) 1,2-Dichlorobenzene-d4	12.198	152	52368	4.953	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	67851	5.277	ug/L	99
3) Chloromethane	1.523	50	79517	4.720	ug/L	99
5) Vinyl chloride	1.607	62	79966	5.135	ug/L	100
6) Bromomethane	1.861	94	45827	5.414	ug/L	99
8) Chloroethane	1.938	64	48931	5.140	ug/L	99
9) Trichlorofluoromethane	2.141	101	92104	5.173	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	52482	5.357	ug/L	99
12) 1,1-Dichloroethene	2.584	96	50467	5.252	ug/L	96
13) Acetone	2.649	43	104488m	44.992	ug/L	
14) Carbon disulfide	2.800	76	161539	5.183	ug/L	99
15) Methyl Acetate	2.960	43	17951	4.733	ug/L	93
16) Methylene chloride	3.051	84	59436	4.163	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	133136	5.357	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	54172	5.411	ug/L	98
19) 1,1-Dichloroethane	3.877	63	102561	5.284	ug/L	97
21) 2-Butanone	4.719	43	176723m	53.399	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	57184	5.342	ug/L	97
23) Bromochloromethane	4.983	128	24755	5.245	ug/L	99
25) Chloroform	5.095	83	103319	5.188	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	71567	5.388	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	84557	5.558	ug/L	98
30) Cyclohexane	5.398	56	95355	5.670	ug/L	99
31) Carbon tetrachloride	5.533	117	69006	5.520	ug/L	99
33) Benzene	5.780	78	231024	5.602	ug/L	100
34) Trichloroethene	6.549	95	56686	5.560	ug/L	96
35) Methylcyclohexane	6.771	83	95135	5.595	ug/L	99
37) 1,2-Dichloropropane	6.800	63	60990	5.648	ug/L	99
38) Bromodichloromethane	7.111	83	72676	5.481	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	85066	5.617	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	420462	57.347	ug/L	99
42) Toluene	7.976	91	238958	5.563	ug/L	99
44) trans-1,3-Dichloropropene	8.217	75	72215	5.626	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	43508	5.650	ug/L	95
47) Tetrachloroethene	8.558	164	39175	5.557	ug/L	99
48) 2-Hexanone	8.697	43	307121	58.705	ug/L	100
49) Dibromochloromethane	8.816	129	45324	5.562	ug/L	99
50) 1,2-Dibromoethane	8.931	107	41014	5.568	ug/L	99
51) Chlorobenzene	9.452	112	144943	5.498	ug/L	100
52) Ethylbenzene	9.578	91	255936	5.640	ug/L	99
53) m,p-Xylene	9.700	106	97914	5.739	ug/L	100
54) o-Xylene	10.105	106	95215	5.730	ug/L	99
55) Styrene	10.121	104	162847	5.977	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	55629	5.487	ug/L	99
59) Bromoform	10.298	173	23055	5.214	ug/L	99
60) Isopropylbenzene	10.491	105	249810	5.470	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	41735	5.337	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	209765	5.617	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	212800	5.557	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	108524	5.411	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	109238	5.392	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	103380	5.409	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	8779	5.488	ug/L	90
69) 1,3,5-Trichlorobenzene	13.224	180	75694	5.361	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	62443	5.642	ug/L	98
71) Naphthalene	14.092	128	119461	5.662	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	56977	5.623	ug/L	99

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

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