Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080921\
Data File : VU044400.D
Acq On : 09 Aug 2021 12:06
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD005083

Manual Integrations APPROVED
MMDadoda
8/10/2021 11:44:24 AM

Quant Time: Aug 10 01:58:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 24 01:01:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	166779	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	167924	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	88667	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49657	3.563	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	71.200%		
7) Chloroethane-d5	1.916	69	58646	4.902	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	98.000%		
11) 1,1-Dichloroethene-d2	2.568	65	23891	4.070	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	81.400%		
20) 2-Butanone-d5	4.639	46	162643	39.360	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery =	78.720%		
24) Chloroform-d	5.070	84	120593	4.973	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	99.400%		
26) 1,2-Dichloroethane-d4	5.710	65	63361	4.681	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.600%		
32) Benzene-d6	5.735	84	241747	4.594	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.800%		
36) 1,2-Dichloropropane-d6	6.700	67	75646	4.626	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	92.600%		
41) Toluene-d8	7.906	98	221845	4.710	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	94.200%		
43) trans-1,3-Dichloroprop...	8.189	79	25023	3.931	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	78.600%		
46) 2-Hexanone-d5	8.642	63	149254	38.837	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	77.680%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	64888	4.438	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	88.800%		
66) 1,2-Dichlorobenzene-d4	12.201	152	84676	4.959	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	99.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	71659	4.797	ug/L	99
3) Chloromethane	1.520	50	73163	4.546	ug/L	100
5) Vinyl chloride	1.604	62	82483	4.889	ug/L	100
6) Bromomethane	1.858	94	48816	5.140	ug/L	99
8) Chloroethane	1.935	64	52868	5.429	ug/L	99
9) Trichlorofluoromethane	2.141	101	102638	5.530	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	58980	5.263	ug/L	97
12) 1,1-Dichloroethene	2.581	96	53635	4.894	ug/L	99
13) Acetone	2.642	43	102102m	51.891	ug/L	
14) Carbon disulfide	2.797	76	136677	3.820	ug/L	99
15) Methyl Acetate	2.961	43	21340	4.749	ug/L #	83
16) Methylene chloride	3.051	84	76444	5.232	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	150612	5.016	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	58179	4.965	ug/L	93
19) 1,1-Dichloroethane	3.877	63	107360	5.083	ug/L	97
21) 2-Butanone	4.719	43	168427	46.114	ug/L	95
22) cis-1,2-Dichloroethene	4.674	96	66075	5.161	ug/L	95
23) Bromochloromethane	4.983	128	30300	5.463	ug/L	90
25) Chloroform	5.095	83	113703	5.228	ug/L	99

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

Quant Time: Aug 10 01:58:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
Quant Title : TRACE VOA SFAM1.0
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.803	62	72791	5.122	ug/L		98
29) 1,1,1-Trichloroethane	5.324	97	93650	5.135	ug/L		99
30) Cyclohexane	5.394	56	87303	4.097	ug/L		96
31) Carbon tetrachloride	5.530	117	78527	5.148	ug/L		100
33) Benzene	5.780	78	248134	4.856	ug/L		100
34) Trichloroethene	6.549	95	64903	5.079	ug/L		97
35) Methylcyclohexane	6.771	83	96071	4.308	ug/L		97
37) 1,2-Dichloropropane	6.800	63	63452	4.873	ug/L	#	97
38) Bromodichloromethane	7.115	83	82925	5.259	ug/L		100
39) cis-1,3-Dichloropropene	7.613	75	93225	4.919	ug/L		99
40) 4-Methyl-2-pentanone	7.800	43	411747	45.062	ug/L		99
42) Toluene	7.976	91	272492	5.098	ug/L		97
44) trans-1,3-Dichloropropene	8.218	75	80608	5.000	ug/L		99
45) 1,1,2-Trichloroethane	8.407	97	50313	5.206	ug/L		97
47) Tetrachloroethene	8.562	164	48574	5.176	ug/L		98
48) 2-Hexanone	8.693	43	302070	45.722	ug/L		97
49) Dibromochloromethane	8.816	129	56529	5.479	ug/L		94
50) 1,2-Dibromoethane	8.931	107	47242	5.041	ug/L		100
51) Chlorobenzene	9.455	112	175689	5.311	ug/L		95
52) Ethylbenzene	9.578	91	289152	5.078	ug/L		97
53) m,p-Xylene	9.700	106	114729	5.210	ug/L		95
54) o-Xylene	10.108	106	111954	5.222	ug/L		96
55) Styrene	10.121	104	195646	5.334	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.790	83	63525	5.001	ug/L		94
59) Bromoform	10.298	173	30632	5.447	ug/L		99
60) Isopropylbenzene	10.491	105	296124	5.222	ug/L		99
61) 1,2,3-Trichloropropane	10.832	75	45732	4.810	ug/L		98
62) 1,3,5-Trimethylbenzene	11.095	105	247350	5.207	ug/L		99
63) 1,2,4-Trimethylbenzene	11.475	105	254600	5.224	ug/L		99
64) 1,3-Dichlorobenzene	11.751	146	141864	5.462	ug/L		99
65) 1,4-Dichlorobenzene	11.841	146	141889	5.360	ug/L		99
67) 1,2-Dichlorobenzene	12.217	146	133889	5.354	ug/L		98
68) 1,2-Dibromo-3-chloropr...	13.002	75	10120	4.921	ug/L		98
69) 1,3,5-Trichlorobenzene	13.227	180	105870	5.457	ug/L		98
70) 1,2,4-trichlorobenzene	13.848	180	89550	5.453	ug/L		99
71) Naphthalene	14.092	128	162054	5.023	ug/L		99
72) 1,2,3-Trichlorobenzene	14.336	180	82850	5.565	ug/L		98

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

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