Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092121\
Data File : VU044746.D
Acq On : 21 Sep 2021 19:08
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005117

Manual Integrations APPROVED
MMDadoda
9/22/2021 9:57:31 AM

Quant Time: Sep 22 01:44:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 22 01:40:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	121711	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	120316	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	61321	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29204	4.067	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	81.400%		
7) Chloroethane-d5	1.916	69	28231	3.852	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	77.000%		
11) 1,1-Dichloroethene-d2	2.572	65	13875	3.825	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	76.600%		
20) 2-Butanone-d5	4.639	46	130549m	43.366	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	86.740%		
24) Chloroform-d	5.070	84	67475	4.467	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	89.400%		
26) 1,2-Dichloroethane-d4	5.710	65	38866	4.315	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	86.400%		
32) Benzene-d6	5.732	84	121428	3.958	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	79.200%		
36) 1,2-Dichloropropane-d6	6.697	67	41940	4.163	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	83.200%		
41) Toluene-d8	7.903	98	106869	4.002	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	80.000%		
43) trans-1,3-Dichloroprop...	8.185	79	15688	4.417	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	88.400%		
46) 2-Hexanone-d5	8.642	63	100512	44.035	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	88.080%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39644	4.438	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	88.800%		
66) 1,2-Dichlorobenzene-d4	12.198	152	39160	3.870	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	77.400%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	40734	4.197	ug/L	98
3) Chloromethane	1.520	50	49995	4.285	ug/L	100
5) Vinyl chloride	1.607	62	51093	4.293	ug/L	96
6) Bromomethane	1.861	94	19505	3.198	ug/L	98
8) Chloroethane	1.938	64	35521	4.683	ug/L	94
9) Trichlorofluoromethane	2.144	101	65351	4.876	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	39983	4.860	ug/L	99
12) 1,1-Dichloroethene	2.584	96	36458	4.663	ug/L	91
13) Acetone	2.646	43	95295m	48.602	ug/L	
14) Carbon disulfide	2.800	76	95314	3.850	ug/L	99
15) Methyl Acetate	2.961	43	16561	4.678	ug/L	94
16) Methylene chloride	3.051	84	49051	3.945	ug/L	94
17) Methyl tert-butyl Ether	3.375	73	101778	4.709	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	38206	4.597	ug/L	97
19) 1,1-Dichloroethane	3.877	63	84944	5.055	ug/L	98
21) 2-Butanone	4.719	43	156684m	47.859	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	43466	4.744	ug/L	95
23) Bromochloromethane	4.980	128	18560	4.781	ug/L	96
25) Chloroform	5.096	83	86127	4.809	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.803	62	57207	4.879	ug/L		99
29) 1,1,1-Trichloroethane	5.324	97	67051	5.114	ug/L		99
30) Cyclohexane	5.395	56	66150	4.406	ug/L		98
31) Carbon tetrachloride	5.530	117	50253	4.898	ug/L		99
33) Benzene	5.780	78	176107	4.932	ug/L		100
34) Trichloroethene	6.546	95	42378	4.794	ug/L		99
35) Methylcyclohexane	6.768	83	63381	4.363	ug/L		99
37) 1,2-Dichloropropane	6.796	63	51320	5.363	ug/L		99
38) Bromodichloromethane	7.112	83	60949	5.253	ug/L		96
39) cis-1,3-Dichloropropene	7.613	75	62402	4.603	ug/L		95
40) 4-Methyl-2-pentanone	7.800	43	370052	49.686	ug/L		99
42) Toluene	7.973	91	179549	4.815	ug/L		100
44) trans-1,3-Dichloropropene	8.214	75	54340	4.698	ug/L		99
45) 1,1,2-Trichloroethane	8.404	97	34925	5.133	ug/L		99
47) Tetrachloroethene	8.558	164	27493	4.479	ug/L		96
48) 2-Hexanone	8.694	43	273439	49.325	ug/L		99
49) Dibromochloromethane	8.816	129	34845	4.875	ug/L		97
50) 1,2-Dibromoethane	8.928	107	30922	4.828	ug/L	#	99
51) Chlorobenzene	9.452	112	109319	4.728	ug/L		99
52) Ethylbenzene	9.575	91	186742	4.623	ug/L		100
53) m,p-Xylene	9.700	106	70302	4.577	ug/L		95
54) o-Xylene	10.105	106	69840	4.759	ug/L		96
55) Styrene	10.118	104	121679	4.737	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.787	83	46978	5.143	ug/L		99
59) Bromoform	10.298	173	17550	4.605	ug/L		99
60) Isopropylbenzene	10.488	105	181599	4.731	ug/L		99
61) 1,2,3-Trichloropropane	10.828	75	33700	4.974	ug/L		98
62) 1,3,5-Trimethylbenzene	11.092	105	147329	4.622	ug/L		98
63) 1,2,4-Trimethylbenzene	11.472	105	151288	4.621	ug/L		99
64) 1,3-Dichlorobenzene	11.751	146	81698	4.565	ug/L		99
65) 1,4-Dichlorobenzene	11.841	146	81685	4.424	ug/L		100
67) 1,2-Dichlorobenzene	12.217	146	80013	4.710	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.999	75	7325	4.916	ug/L		93
69) 1,3,5-Trichlorobenzene	13.224	180	56827	4.177	ug/L		99
70) 1,2,4-trichlorobenzene	13.844	180	45432	3.959	ug/L		99
71) Naphthalene	14.089	128	84164	3.759	ug/L		99
72) 1,2,3-Trichlorobenzene	14.333	180	43080	4.078	ug/L		98

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

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