Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122721\
Data File : VU046612.D
Acq On : 27 Dec 2021 20:39
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

Quant Time: Dec 28 04:59:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 28 04:55:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	68680	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	69056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	39227	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27146	5.018	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.400%			
7) Chloroethane-d5	1.919	69	25325	5.945	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 119.000%			
11) 1,1-Dichloroethene-d2	2.571	65	13633	5.976	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 119.600%			
20) 2-Butanone-d5	4.655	46	103163	65.743	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 131.480%#			
24) Chloroform-d	5.067	84	63679	6.424	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 128.400%#			
26) 1,2-Dichloroethane-d4	5.706	65	36589	6.457	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 129.200%			
32) Benzene-d6	5.732	84	119168	6.190	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 123.800%			
36) 1,2-Dichloropropane-d6	6.694	67	37271	6.443	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 128.800%			
41) Toluene-d8	7.899	98	110275	6.312	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 126.200%			
43) trans-1,3-Dichloroprop...	8.182	79	15353	5.739	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 114.800%			
46) 2-Hexanone-d5	8.636	63	98054	62.426	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 124.860%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36798	6.198	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 124.000%#			
66) 1,2-Dichlorobenzene-d4	12.195	152	41545	5.750	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	46064	4.383	ug/L	98
3) Chloromethane	1.523	50	35577	3.931	ug/L	99
5) Vinyl chloride	1.610	62	37080	4.161	ug/L	100
6) Bromomethane	1.864	94	18110	3.376	ug/L	97
8) Chloroethane	1.941	64	23328	4.460	ug/L	99
9) Trichlorofluoromethane	2.147	101	56069	4.811	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	29639	4.995	ug/L	98
12) 1,1-Dichloroethene	2.588	96	28948	4.792	ug/L	80
13) Acetone	2.678	43	78957	53.669	ug/L	90
14) Carbon disulfide	2.800	76	66607	3.375	ug/L	100
15) Methyl Acetate	2.967	43	16417	5.525	ug/L	93
16) Methylene chloride	3.051	84	36718	4.995	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	95016	5.391	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	29994	4.654	ug/L	92
19) 1,1-Dichloroethane	3.877	63	61403	5.171	ug/L	98
21) 2-Butanone	4.732	43	124395	55.731	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	36318	5.155	ug/L	98
23) Bromochloromethane	4.980	128	17798	5.076	ug/L	91
25) Chloroform	5.092	83	68033	5.304	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.796	62	48451	5.292	ug/L		98
29) 1,1,1-Trichloroethane	5.321	97	57600	5.044	ug/L		97
30) Cyclohexane	5.395	56	37680	3.989	ug/L		94
31) Carbon tetrachloride	5.530	117	46903	4.895	ug/L		99
33) Benzene	5.777	78	131067	4.777	ug/L		100
34) Trichloroethene	6.542	95	34489	4.768	ug/L		98
35) Methylcyclohexane	6.767	83	42269	4.145	ug/L		96
37) 1,2-Dichloropropane	6.793	63	36539	5.221	ug/L		99
38) Bromodichloromethane	7.108	83	51453	5.311	ug/L		99
39) cis-1,3-Dichloropropene	7.610	75	53697	5.068	ug/L		98
40) 4-Methyl-2-pentanone	7.793	43	285153	54.277	ug/L		96
42) Toluene	7.970	91	142857	5.073	ug/L		99
44) trans-1,3-Dichloropropene	8.211	75	50979	5.192	ug/L		99
45) 1,1,2-Trichloroethane	8.401	97	31824	5.272	ug/L		98
47) Tetrachloroethene	8.555	164	25367	4.956	ug/L		93
48) 2-Hexanone	8.687	43	213075	54.307	ug/L		97
49) Dibromochloromethane	8.812	129	37536	5.392	ug/L		99
50) 1,2-Dibromoethane	8.925	107	30339	5.207	ug/L	#	100
51) Chlorobenzene	9.449	112	93113	5.172	ug/L		99
52) Ethylbenzene	9.571	91	148206	5.084	ug/L		100
53) m,p-Xylene	9.693	106	58742	5.260	ug/L		93
54) o-Xylene	10.102	106	58507	5.452	ug/L		96
55) Styrene	10.115	104	105203	5.652	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.783	83	43504	5.516	ug/L		94
59) Bromoform	10.291	173	22952	5.064	ug/L		99
60) Isopropylbenzene	10.484	105	151384	5.004	ug/L		100
61) 1,2,3-Trichloropropane	10.825	75	32312	4.960	ug/L		97
62) 1,3,5-Trimethylbenzene	11.089	105	125479	4.987	ug/L		100
63) 1,2,4-Trimethylbenzene	11.468	105	132150	5.216	ug/L		98
64) 1,3-Dichlorobenzene	11.745	146	78621	5.346	ug/L		100
65) 1,4-Dichlorobenzene	11.838	146	79482	5.280	ug/L		97
67) 1,2-Dichlorobenzene	12.214	146	78080	5.294	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.999	75	7481	4.961	ug/L		92
69) 1,3,5-Trichlorobenzene	13.221	180	58845	5.287	ug/L		97
70) 1,2,4-trichlorobenzene	13.841	180	52127	5.530	ug/L		99
71) Naphthalene	14.086	128	115475	5.516	ug/L		100
72) 1,2,3-Trichlorobenzene	14.330	180	52624	5.639	ug/L		99

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

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