Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020722\
Data File : VU047063.D
Acq On : 07 Feb 2022 14:02
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005191

Quant Time: Feb 07 22:29:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Feb 07 22:28:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	108430	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	127758	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70374	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	56730	4.078	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.600%			
7) Chloroethane-d5	1.919	69	46279	4.310	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.200%			
11) 1,1-Dichloroethene-d2	2.575	65	23185	4.657	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.200%			
20) 2-Butanone-d5	4.646	46	134240	48.265	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.540%			
24) Chloroform-d	5.070	84	98051	4.420	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
26) 1,2-Dichloroethane-d4	5.707	65	50973	4.497	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.000%			
32) Benzene-d6	5.732	84	194578	4.349	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.000%			
36) 1,2-Dichloropropane-d6	6.697	67	58930	4.222	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.400%			
41) Toluene-d8	7.903	98	182277	4.592	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
43) trans-1,3-Dichloroprop...	8.182	79	24274	4.564	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.200%			
46) 2-Hexanone-d5	8.636	63	115612	46.927	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.860%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	54297	4.556	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.200%			
66) 1,2-Dichlorobenzene-d4	12.195	152	64603	4.509	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	40479	4.096	ug/L	98
3) Chloromethane	1.527	50	50481	4.146	ug/L	100
5) Vinyl chloride	1.607	62	52876	4.314	ug/L	97
6) Bromomethane	1.864	94	31905	4.700	ug/L	99
8) Chloroethane	1.941	64	33586	4.617	ug/L	93
9) Trichlorofluoromethane	2.144	101	69341	4.474	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	39368	4.314	ug/L	98
12) 1,1-Dichloroethene	2.588	96	37303	4.634	ug/L	92
13) Acetone	2.665	43	70100	43.672	ug/L	99
14) Carbon disulfide	2.800	76	108132	4.289	ug/L	98
15) Methyl Acetate	2.964	43	16684	5.005	ug/L	99
16) Methylene chloride	3.054	84	44160	4.339	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	81430	4.599	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	37835	4.501	ug/L	97
19) 1,1-Dichloroethane	3.877	63	70809	4.530	ug/L	97
21) 2-Butanone	4.726	43	107596	46.774	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	39277	4.448	ug/L	98
23) Bromochloromethane	4.980	128	19976	4.690	ug/L	97
25) Chloroform	5.092	83	75954	4.268	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.800	62	48001	4.703	ug/L		98
29) 1,1,1-Trichloroethane	5.324	97	63233	4.330	ug/L		99
30) Cyclohexane	5.395	56	48690	4.130	ug/L		98
31) Carbon tetrachloride	5.530	117	53291	4.273	ug/L		96
33) Benzene	5.777	78	159462	4.444	ug/L		100
34) Trichloroethene	6.546	95	38876	4.285	ug/L		99
35) Methylcyclohexane	6.768	83	52509	4.177	ug/L		99
37) 1,2-Dichloropropane	6.793	63	40754	4.295	ug/L		99
38) Bromodichloromethane	7.108	83	53680	4.356	ug/L	#	99
39) cis-1,3-Dichloropropene	7.610	75	53736	4.361	ug/L		98
40) 4-Methyl-2-pentanone	7.797	43	241482	47.651	ug/L		99
42) Toluene	7.973	91	172753	4.686	ug/L		96
44) trans-1,3-Dichloropropene	8.215	75	49970	4.539	ug/L		96
45) 1,1,2-Trichloroethane	8.404	97	32227	4.565	ug/L		97
47) Tetrachloroethene	8.555	164	30205	4.291	ug/L		96
48) 2-Hexanone	8.687	43	195508	50.098	ug/L		98
49) Dibromochloromethane	8.813	129	37483	4.546	ug/L		100
50) 1,2-Dibromoethane	8.925	107	30697	4.708	ug/L		94
51) Chlorobenzene	9.449	112	107015	4.423	ug/L		99
52) Ethylbenzene	9.575	91	163413	4.410	ug/L		99
53) m,p-Xylene	9.700	106	65034	4.516	ug/L		100
54) o-Xylene	10.105	106	62216	4.646	ug/L		95
55) Styrene	10.118	104	110034	4.670	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.784	83	41788	4.550	ug/L		99
59) Bromoform	10.292	173	21464	4.817	ug/L		95
60) Isopropylbenzene	10.488	105	157011	4.524	ug/L		99
61) 1,2,3-Trichloropropane	10.825	75	30910	4.708	ug/L		98
62) 1,3,5-Trimethylbenzene	11.092	105	114503	4.299	ug/L		98
63) 1,2,4-Trimethylbenzene	11.472	105	120817	4.468	ug/L		99
64) 1,3-Dichlorobenzene	11.748	146	83562	4.506	ug/L		99
65) 1,4-Dichlorobenzene	11.838	146	85987	4.488	ug/L		97
67) 1,2-Dichlorobenzene	12.214	146	80899	4.520	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.999	75	5703	4.210	ug/L		99
69) 1,3,5-Trichlorobenzene	13.221	180	59482	4.272	ug/L		99
70) 1,2,4-trichlorobenzene	13.841	180	47839	4.219	ug/L		98
71) Naphthalene	14.089	128	83560	4.257	ug/L		99
72) 1,2,3-Trichlorobenzene	14.330	180	48797	4.509	ug/L		99

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

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