Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051667.D
Acq On : 01 Nov 2022 20:36
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005193

Quant Time: Nov 02 02:06:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 02 01:48:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	204426	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	208286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	108310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	94599	6.144	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 122.800%			
7) Chloroethane-d5	1.912	69	83142	5.178	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.600%			
11) 1,1-Dichloroethene-d2	2.565	65	36530	6.537	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 130.800%#			
20) 2-Butanone-d5	4.633	46	217520	39.011	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.020%			
24) Chloroform-d	5.060	84	178676	4.959	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.200%			
26) 1,2-Dichloroethane-d4	5.700	65	86223	4.430	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.600%			
32) Benzene-d6	5.726	84	354096	5.387	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.800%			
36) 1,2-Dichloropropane-d6	6.690	67	112194	4.881	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.600%			
41) Toluene-d8	7.896	98	326612	6.319	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 126.400%			
43) trans-1,3-Dichloroprop...	8.179	79	37440	5.328	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.600%			
46) 2-Hexanone-d5	8.632	63	185205	43.778	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.560%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	94927	4.507	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.200%			
66) 1,2-Dichlorobenzene-d4	12.192	152	108974	5.482	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	120423	5.386	ug/L	99
3) Chloromethane	1.523	50	141651	5.026	ug/L	97
5) Vinyl chloride	1.601	62	143768	5.325	ug/L #	80
6) Bromomethane	1.855	94	57321	4.478	ug/L	99
8) Chloroethane	1.932	64	85363	5.207	ug/L	98
9) Trichlorofluoromethane	2.134	101	163477	5.516	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	98097	5.630	ug/L	98
12) 1,1-Dichloroethene	2.578	96	96245	5.416	ug/L	95
13) Acetone	2.642	43	152424	53.877	ug/L	100
14) Carbon disulfide	2.790	76	305471	5.332	ug/L	99
15) Methyl Acetate	2.954	43	39297	5.306	ug/L	96
16) Methylene chloride	3.044	84	128577	4.417	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	220308	5.406	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	102730	5.386	ug/L	99
19) 1,1-Dichloroethane	3.867	63	195139	5.547	ug/L	99
21) 2-Butanone	4.710	43	253659	57.253	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	111582	5.287	ug/L	97
23) Bromochloromethane	4.973	128	52887	5.360	ug/L	96
25) Chloroform	5.086	83	201701	5.527	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	120114	5.348	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	156577	5.537	ug/L	99
30) Cyclohexane	5.385	56	140523	5.396	ug/L	99
31) Carbon tetrachloride	5.520	117	134231	5.550	ug/L	97
33) Benzene	5.771	78	450271	5.478	ug/L	100
34) Trichloroethene	6.539	95	108142	5.452	ug/L	98
35) Methylcyclohexane	6.761	83	146757	5.351	ug/L	98
37) 1,2-Dichloropropane	6.790	63	116566	5.514	ug/L	99
38) Bromodichloromethane	7.105	83	141394	5.475	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	141080	5.202	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	604026	56.963	ug/L	100
42) Toluene	7.967	91	477785	5.660	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	122879	5.421	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	84839	5.476	ug/L	96
47) Tetrachloroethene	8.552	164	82452	5.427	ug/L	96
48) 2-Hexanone	8.684	43	450679	57.418	ug/L	98
49) Dibromochloromethane	8.806	129	95644	5.404	ug/L	98
50) 1,2-Dibromoethane	8.922	107	78336	5.605	ug/L	97
51) Chlorobenzene	9.446	112	285412	5.372	ug/L	99
52) Ethylbenzene	9.568	91	444894	5.462	ug/L	100
53) m,p-Xylene	9.694	106	178689	5.648	ug/L	99
54) o-Xylene	10.099	106	173607	5.615	ug/L	97
55) Styrene	10.111	104	301045	5.824	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	108429	5.645	ug/L	98
59) Bromoform	10.288	173	52337	5.230	ug/L	99
60) Isopropylbenzene	10.481	105	434626	5.497	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	73490	5.247	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	111334	5.230	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	319196	5.201	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	209718	5.328	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	206899	5.242	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	204254	5.327	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	15598	5.408	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	144947	5.166	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	106297	4.935	ug/L	98
71) Naphthalene	14.086	128	186993	4.651	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	109918	5.054	ug/L	99

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

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