Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101222\
Data File : VU051395.D
Acq On : 12 Oct 2022 16:29
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005177

Quant Time: Oct 13 04:06:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 13 01:37:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	210988	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	219909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106175	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	91712	5.389	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.800%			
7) Chloroethane-d5	1.909	69	68114	4.658	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.200%			
11) 1,1-Dichloroethene-d2	2.562	65	34357	5.107	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.200%			
20) 2-Butanone-d5	4.639	46	165999	44.301	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.600%			
24) Chloroform-d	5.060	84	143346	4.518	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.400%			
26) 1,2-Dichloroethane-d4	5.703	65	73682	4.503	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.000%			
32) Benzene-d6	5.726	84	269849	4.461	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
36) 1,2-Dichloropropane-d6	6.690	67	89264	4.345	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.800%			
41) Toluene-d8	7.896	98	248325	4.588	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
43) trans-1,3-Dichloroprop...	8.179	79	31457	4.660	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.200%			
46) 2-Hexanone-d5	8.635	63	101648	44.681	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.360%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	72204	4.399	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.000%			
66) 1,2-Dichlorobenzene-d4	12.192	152	73050	3.958	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 79.200%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	78637	4.569	ug/L	100
3) Chloromethane	1.520	50	113002	4.676	ug/L	99
5) Vinyl chloride	1.600	62	103683	4.374	ug/L	99
6) Bromomethane	1.854	94	58913	4.564	ug/L	97
8) Chloroethane	1.932	64	67616	4.473	ug/L	97
9) Trichlorofluoromethane	2.134	101	112046	4.101	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	75440	4.600	ug/L	100
12) 1,1-Dichloroethene	2.575	96	72528	4.714	ug/L	98
13) Acetone	2.652	43	159317	56.689	ug/L	97
14) Carbon disulfide	2.790	76	214282	4.547	ug/L	99
15) Methyl Acetate	2.957	43	36790	5.385	ug/L	99
16) Methylene chloride	3.041	84	130686	5.752	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	174480	4.950	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	77091	4.763	ug/L	98
19) 1,1-Dichloroethane	3.867	63	169631	5.078	ug/L	98
21) 2-Butanone	4.716	43	242344	54.716	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	85120	4.747	ug/L	98
23) Bromochloromethane	4.973	128	45304	5.296	ug/L	96
25) Chloroform	5.086	83	179292	5.139	ug/L	99

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005177

Quant Time: Oct 13 04:06:41 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	109469	5.238	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	131167	4.978	ug/L	99
30) Cyclohexane	5.388	56	90889	4.067	ug/L	99
31) Carbon tetrachloride	5.520	117	107537	4.823	ug/L	98
33) Benzene	5.771	78	371428	5.059	ug/L	100
34) Trichloroethene	6.539	95	85131	4.648	ug/L	98
35) Methylcyclohexane	6.761	83	93512	4.047	ug/L	97
37) 1,2-Dichloropropane	6.790	63	104316	5.184	ug/L	100
38) Bromodichloromethane	7.105	83	125661	5.235	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	118769	4.911	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	591352	56.015	ug/L	99
42) Toluene	7.967	91	383762	4.925	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	105923	5.065	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	74276	5.257	ug/L	97
47) Tetrachloroethene	8.552	164	61658	4.579	ug/L	97
48) 2-Hexanone	8.684	43	456794	58.112	ug/L	99
49) Dibromochloromethane	8.806	129	83479	5.262	ug/L	99
50) 1,2-Dibromoethane	8.922	107	68796	5.470	ug/L	98
51) Chlorobenzene	9.446	112	230550	4.951	ug/L	100
52) Ethylbenzene	9.568	91	325763	4.652	ug/L	99
53) m,p-Xylene	9.693	106	126423	4.655	ug/L	99
54) o-Xylene	10.098	106	125409	4.880	ug/L	99
55) Styrene	10.111	104	217201	4.910	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	95318	5.450	ug/L	97
59) Bromoform	10.288	173	45610	5.164	ug/L	99
60) Isopropylbenzene	10.481	105	307100	4.567	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	70151	5.232	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	74139	4.156	ug/L	96
63) 1,2,4-Trimethylbenzene	11.465	105	210180	4.166	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	157810	4.744	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	155280	4.736	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	156191	4.830	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	13898	5.419	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	102815	4.484	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	72316	4.438	ug/L	97
71) Naphthalene	14.085	128	118308	3.906	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	74220	4.403	ug/L	100

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

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