Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038152.D
Acq On : 21 Dec 2022 02:31
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020078

Quant Time: Dec 21 03:52:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 21 00:11:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	174945	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	783016	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	498681	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	1084750	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	929945	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	837661	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	28815	7.479	ng/uL	0.00
4) Pyridine-d5	3.828	84	217249	19.007	ng/ul	0.00
7) Phenol-d5	7.204	99	284695	20.026	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	162231	18.741	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	245239	21.029	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	240984	21.716	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	127187	20.515	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	143772	22.129	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.475	165	275980	22.364	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	379998	22.308	ng/ul	0.00
46) Dimethylphthalate-d6	14.080	166	779020	21.912	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	917719	21.120	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	141694	23.385	ng/ul	0.00
60) Fluorene-d10	15.657	176	678303	21.415	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	118460	20.426	ng/ul	0.00
73) Anthracene-d10	17.510	188	1059025	20.918	ng/ul	0.00
81) Pyrene-d10	19.792	212	1179006	21.106	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.868	264	868279	20.753	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	29246	7.236	ng/uL	96
5) Pyridine	3.852	79	216796	18.874	ng/ul	96
6) Benzaldehyde	7.181	77	103556	19.476	ng/ul	97
8) Phenol	7.228	94	279400	19.596	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.463	93	227083	19.396	ng/ul	95
12) 2-Chlorophenol	7.604	128	254607	21.347	ng/ul	97
13) 2-Methylphenol	8.487	108	228407	20.934	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.569	45	383353	18.133	ng/ul	98
16) Acetophenone	8.875	105	373678	21.411	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.857	70	174123	21.179	ng/ul	97
18) 4-Methylphenol	8.822	108	254016	21.521	ng/ul	97
19) Hexachloroethane	9.128	117	100956	21.173	ng/ul	98
22) Nitrobenzene	9.257	77	261877	19.632	ng/ul	95
23) Isophorone	9.787	82	510040	20.865	ng/ul	97
25) 2-Nitrophenol	9.969	139	150445	22.088	ng/ul	98
26) 2,4-Dimethylphenol	10.028	107	287058	21.793	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.263	93	325956	20.060	ng/ul	99
29) 2,4-Dichlorophenol	10.504	162	269990	22.300	ng/ul	98
30) Naphthalene	10.910	128	862394	20.409	ng/ul	99
32) 4-Chloroaniline	11.022	127	380016	22.371	ng/ul	99
33) Hexachlorobutadiene	11.187	225	175540	22.040	ng/ul	99
34) Caprolactam	11.810	113	75585	24.337	ng/ul	94
35) 4-Chloro-3-methylphenol	12.139	107	260137	23.605	ng/ul	97
36) 2-Methylnaphthalene	12.510	142	590122	21.532	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.728	142	602785	21.509 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.875	216	323006	19.824 ng/ul	99
40) Hexachlorocyclopentadiene	12.845	237	108756	11.668 ng/ul	98
41) 2,4,6-Trichlorophenol	13.116	196	218749	22.040 ng/ul	97
42) 2,4,5-Trichlorophenol	13.186	196	236025	22.802 ng/ul	99
43) 1,1'-Biphenyl	13.510	154	808180	20.162 ng/ul	98
44) 2-Chloronaphthalene	13.551	162	628589	20.328 ng/ul	97
45) 2-Nitroaniline	13.763	65	158745	21.306 ng/ul	95
47) Dimethylphthalate	14.128	163	765232	21.816 ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	149658	21.965 ng/ul	96
50) Acenaphthylene	14.398	152	997099	20.869 ng/ul	99
51) 3-Nitroaniline	14.580	138	145171	21.356 ng/ul	98
52) Acenaphthene	14.733	153	682195	20.643 ng/ul	99
53) 2,4-Dinitrophenol	14.786	184	75800	22.672 ng/ul	96
55) 4-Nitrophenol	14.886	109	103311	25.855 ng/ul	96
56) Dibenzofuran	15.069	168	948512	21.023 ng/ul	97
57) 2,4-Dinitrotoluene	15.033	165	219830	23.825 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.292	232	203975	23.427 ng/ul	97
59) Diethylphthalate	15.480	149	788189	22.556 ng/ul	98
61) Fluorene	15.716	166	794985	21.606 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.704	204	394165	21.920 ng/ul	95
63) 4-Nitroaniline	15.739	138	136448	22.137 ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.792	198	115139	20.507 ng/ul#	98
67) N-Nitrosodiphenylamine	15.916	169	648164	19.809 ng/ul	99
68) 4-Bromophenyl-phenylether	16.592	248	239474	20.139 ng/ul	95
69) Hexachlorobenzene	16.716	284	286697	20.198 ng/ul	97
70) Atrazine	16.869	200	242701	21.705 ng/ul	98
71) Pentachlorophenol	17.057	266	171958	21.790 ng/ul	99
72) Phenanthrene	17.451	178	1208908	20.408 ng/ul	100
74) Anthracene	17.545	178	1252220	20.801 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.475	216	321673	18.343 ng/uL	99
76) Pentachlorobenzene	14.986	250	328377	18.903 ng/uL	99
77) Carbazole	17.816	167	1105318	21.192 ng/ul	99
78) Di-n-butylphthalate	18.363	149	1427988	23.034 ng/ul	100
80) Fluoranthene	19.457	202	1375919	20.870 ng/ul	95
82) Pyrene	19.821	202	1430654	20.851 ng/ul#	95
83) Butylbenzylphthalate	20.698	149	626174	24.543 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.486	252	381581	20.736 ng/ul	96
85) Benzo(a)anthracene	21.562	228	1317234	21.040 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	944353	25.443 ng/ul	100
87) Chrysene	21.615	228	1194629	20.337 ng/ul	99
89) Di-n-octyl phthalate	22.403	149	1528618	28.480 ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1136629	21.887 ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	1112824	22.111 ng/ul	99
93) Benzo(a)pyrene	23.915	252	956589	20.947 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.591	276	1142288	19.422 ng/ul	99
95) Dibenzo(a,h)anthracene	26.597	278	977411	19.713 ng/ul	99
96) Benzo(g,h,i)perylene	27.380	276	911784	19.417 ng/ul	97

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

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