Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034987.D
Acq On : 11 May 2022 16:18
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020122

Quant Time: May 12 03:28:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 16:40:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	218247	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	947202	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	576880	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	1030006	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	755593	20.000	ng/ul	0.00
88) Perylene-d12	23.850	264	730723	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	46048	8.827	ng/uL	0.00
4) Pyridine-d5	3.775	84	303326	21.095	ng/ul	0.00
7) Phenol-d5	7.081	99	411173	21.778	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	259644	21.909	ng/ul	0.00
11) 2-Chlorophenol-d4	7.451	132	340945	22.980	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	341923	22.212	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	166161	22.888	ng/ul	0.00
24) 2-Nitrophenol-d4	9.804	143	184341	23.542	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	339717	23.182	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	457279	21.916	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	967320	22.234	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	1266206	22.937	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	154562	20.792	ng/ul	0.00
60) Fluorene-d10	15.539	176	800218	21.802	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	132431	20.404	ng/ul	0.00
73) Anthracene-d10	17.392	188	1118561	22.321	ng/ul	0.00
81) Pyrene-d10	19.680	212	1059027	22.446	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.697	264	867963	22.727	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	44716	8.609	ng/uL	93
5) Pyridine	3.799	79	319255	21.037	ng/ul	99
6) Benzaldehyde	7.057	77	269827	25.607	ng/ul	99
8) Phenol	7.110	94	413615	22.008	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.340	93	326696	21.961	ng/ul	96
12) 2-Chlorophenol	7.487	128	344213	22.749	ng/ul	99
13) 2-Methylphenol	8.363	108	316166	22.194	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.457	45	527895	21.705	ng/ul	99
16) Acetophenone	8.739	105	526709	22.044	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.734	70	285993	22.441	ng/ul	94
18) 4-Methylphenol	8.692	108	345134	22.176	ng/ul	100
19) Hexachloroethane	9.004	117	144619	22.530	ng/ul	92
22) Nitrobenzene	9.122	77	402496	22.342	ng/ul	98
23) Isophorone	9.651	82	754636	22.798	ng/ul	98
25) 2-Nitrophenol	9.833	139	197817	23.512	ng/ul	90
26) 2,4-Dimethylphenol	9.898	107	401972	22.845	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.133	93	452225	22.040	ng/ul	99
29) 2,4-Dichlorophenol	10.369	162	330135	23.157	ng/ul	97
30) Naphthalene	10.775	128	1096011	22.025	ng/ul	99
32) 4-Chloroaniline	10.880	127	459434	22.002	ng/ul	100
33) Hexachlorobutadiene	11.069	225	214185	22.922	ng/ul	98
34) Caprolactam	11.645	113	93072	21.833	ng/ul	94
35) 4-Chloro-3-methylphenol	12.004	107	348642	22.749	ng/ul	98
36) 2-Methylnaphthalene	12.380	142	762840	22.172	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.598	142	772424	22.201	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.751	216	387835	22.859	ng/ul	99
40)	Hexachlorocyclopentadiene	12.739	237	251332	21.358	ng/ul	100
41)	2,4,6-Trichlorophenol	12.986	196	255434	23.648	ng/ul	98
42)	2,4,5-Trichlorophenol	13.057	196	272091	23.514	ng/ul	97
43)	1,1'-Biphenyl	13.392	154	1020220	22.260	ng/ul	99
44)	2-Chloronaphthalene	13.433	162	787479	22.562	ng/ul	98
45)	2-Nitroaniline	13.627	65	224854	22.693	ng/ul	93
47)	Dimethylphthalate	14.010	163	950898	22.122	ng/ul	99
48)	2,6-Dinitrotoluene	14.121	165	187971	23.024	ng/ul	89
50)	Acenaphthylene	14.274	152	1247349	22.491	ng/ul	98
51)	3-Nitroaniline	14.451	138	139500	18.660	ng/ul#	92
52)	Acenaphthene	14.616	153	815285	21.994	ng/ul	98
53)	2,4-Dinitrophenol	14.651	184	95615	20.076	ng/ul	93
55)	4-Nitrophenol	14.751	109	136911	20.945	ng/ul	92
56)	Dibenzofuran	14.951	168	1119338	21.925	ng/ul	95
57)	2,4-Dinitrotoluene	14.910	165	260134	22.589	ng/ul	91
58)	2,3,4,6-Tetrachlorophenol	15.174	232	206549	22.766	ng/ul	98
59)	Diethylphthalate	15.374	149	947565	21.522	ng/ul	99
61)	Fluorene	15.598	166	907911	21.739	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.592	204	445054	21.939	ng/ul	98
63)	4-Nitroaniline	15.610	138	116445	17.500	ng/ul	87
66)	4,6-Dinitro-2-methylph...	15.668	198	133672	20.800	ng/ul	93
67)	N-Nitrosodiphenylamine	15.804	169	757286	22.837	ng/ul	99
68)	4-Bromophenyl-phenylether	16.486	248	246130	22.980	ng/ul	97
69)	Hexachlorobenzene	16.604	284	275591	22.740	ng/ul	97
70)	Atrazine	16.757	200	250314	21.236	ng/ul	98
71)	Pentachlorophenol	16.945	266	159895	21.255	ng/ul	99
72)	Phenanthrene	17.333	178	1275738	22.020	ng/ul	99
74)	Anthracene	17.427	178	1302951	22.236	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.357	216	390421	23.687	ng/uL	98
76)	Pentachlorobenzene	14.874	250	353758	23.431	ng/uL	99
77)	Carbazole	17.692	167	1106109	21.471	ng/ul	99
78)	Di-n-butylphthalate	18.268	149	1358059	21.258	ng/ul	100
80)	Fluoranthene	19.345	202	1272096	22.428	ng/ul#	96
82)	Pyrene	19.709	202	1286427	22.210	ng/ul	98
83)	Butylbenzylphthalate	20.609	149	507382	21.897	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.386	252	302233	21.197	ng/ul	99
85)	Benzo(a)anthracene	21.450	228	1094681	22.299	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.392	149	724851	21.112	ng/ul	98
87)	Chrysene	21.503	228	1058521	22.142	ng/ul	99
89)	Di-n-octyl phthalate	22.309	149	1141120	18.759	ng/ul	100
90)	Benzo(b)fluoranthene	23.127	252	1079070	21.984	ng/ul	99
91)	Benzo(k)fluoranthene	23.174	252	1031763	22.075	ng/ul	99
93)	Benzo(a)pyrene	23.744	252	1056345	22.575	ng/ul#	97
94)	Indeno(1,2,3-cd)pyrene	26.315	276	1242893	23.220	ng/ul#	95
95)	Dibenzo(a,h)anthracene	26.338	278	1057829	23.051	ng/ul#	96
96)	Benzo(g,h,i)perylene	27.074	276	1046573	23.538	ng/ul#	94

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

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