Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134092.D
Acq On : 06 Jul 2023 05:37
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 06 06:04:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	148470	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	514668	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	229301	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	394794	20.000	ng		0.00
76) Chrysene-d12	14.045	240	270990	20.000	ng		0.00
86) Perylene-d12	15.545	264	219055	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	714909	80.547	ng		0.00
7) Phenol-d6	6.493	99	851207	77.982	ng		0.00
23) Nitrobenzene-d5	7.416	82	773542	81.019	ng		0.00
42) 2,4,6-Tribromophenol	10.681	330	202294	70.364	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1348471	85.500	ng		0.00
79) Terphenyl-d14	12.975	244	1156494	68.685	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	156415	42.740	ng		97
3) Pyridine	3.405	79	443182	46.491	ng		97
4) n-Nitrosodimethylamine	3.381	42	244118	44.838	ng		96
6) Aniline	6.516	93	517455	38.957	ng		98
8) 2-Chlorophenol	6.640	128	356340	39.550	ng		95
9) Benzaldehyde	6.404	77	245035	41.171	ng		98
10) Phenol	6.504	94	440872	38.414	ng		94
11) bis(2-Chloroethyl)ether	6.593	93	325025	38.467	ng		97
12) 1,3-Dichlorobenzene	6.787	146	379618	39.520	ng		99
13) 1,4-Dichlorobenzene	6.869	146	383858	39.564	ng		97
14) 1,2-Dichlorobenzene	7.022	146	349666	38.482	ng		97
15) Benzyl Alcohol	6.993	79	327394	38.907	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	553440	37.024	ng		99
17) 2-Methylphenol	7.104	107	311919	38.660	ng		98
18) Hexachloroethane	7.357	117	134686	37.439	ng		98
19) n-Nitroso-di-n-propyla...	7.263	70	255647	36.932	ng		99
20) 3+4-Methylphenols	7.257	107	362688	37.054	ng		91
22) Acetophenone	7.263	105	461901	39.462	ng	#	94
24) Nitrobenzene	7.434	77	394465	40.885	ng		96
25) Isophorone	7.669	82	689073	39.711	ng		99
26) 2-Nitrophenol	7.745	139	184160	39.789	ng		96
27) 2,4-Dimethylphenol	7.787	122	292984	39.991	ng		99
28) bis(2-Chloroethoxy)met...	7.881	93	402649	40.075	ng		99
29) 2,4-Dichlorophenol	7.987	162	286983	39.503	ng		96
30) 1,2,4-Trichlorobenzene	8.069	180	302511	40.355	ng		98
31) Naphthalene	8.151	128	969266	38.989	ng		100
32) Benzoic acid	7.875	122	66870m	12.181	ng		
33) 4-Chloroaniline	8.204	127	410526	38.604	ng		96
34) Hexachlorobutadiene	8.263	225	196885	41.637	ng		99
35) Caprolactam	8.575	113	77378	32.348	ng		90
36) 4-Chloro-3-methylphenol	8.681	107	307556	37.684	ng		98
37) 2-Methylnaphthalene	8.839	142	663826	37.760	ng		99
38) 1-Methylnaphthalene	8.939	142	613945	37.566	ng		100
40) 1,2,4,5-Tetrachloroben...	9.004	216	300585	44.247	ng		99
41) Hexachlorocyclopentadiene	8.992	237	41448	12.860	ng		97
43) 2,4,6-Trichlorophenol	9.122	196	188997	40.868	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	214579	39.446	ng		98
46) 1,1'-Biphenyl	9.310	154	781001	42.460	ng		98
47) 2-Chloronaphthalene	9.334	162	558529	41.502	ng		98
48) 2-Nitroaniline	9.434	65	204430	41.680	ng		92
49) Acenaphthylene	9.751	152	922736	40.137	ng		100
50) Dimethylphthalate	9.610	163	726327	43.636	ng		99
51) 2,6-Dinitrotoluene	9.675	165	148583	41.445	ng		93
52) Acenaphthene	9.922	154	539974	40.478	ng		98
53) 3-Nitroaniline	9.845	138	170731	39.697	ng		99
54) 2,4-Dinitrophenol	9.957	184	8834	7.924	ng		92
55) Dibenzofuran	10.092	168	822361	39.445	ng		99
56) 4-Nitrophenol	10.004	139	91725	30.489	ng		94
57) 2,4-Dinitrotoluene	10.081	165	181814	38.402	ng		93
58) Fluorene	10.439	166	610339	37.630	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.210	232	144902	33.770	ng		98
60) Diethylphthalate	10.310	149	714006	41.173	ng		99
61) 4-Chlorophenyl-phenyle...	10.428	204	309374	39.580	ng		98
62) 4-Nitroaniline	10.463	138	157382	36.310	ng		99
63) Azobenzene	10.592	77	625124	38.109	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	25156	11.687	ng		94
66) n-Nitrosodiphenylamine	10.551	169	553263	43.862	ng		99
67) 4-Bromophenyl-phenylether	10.922	248	183253	43.671	ng		97
68) Hexachlorobenzene	10.986	284	186693	41.903	ng		98
69) Atrazine	11.081	200	141543	40.568	ng		98
70) Pentachlorophenol	11.181	266	87364	32.795	ng		98
71) Phenanthrene	11.404	178	796490	40.076	ng		99
72) Anthracene	11.457	178	824471	39.884	ng		100
73) Carbazole	11.616	167	798881	42.222	ng		99
74) Di-n-butylphthalate	11.945	149	1061580	47.180	ng		99
75) Fluoranthene	12.604	202	929441	43.257	ng		98
77) Benzidine	12.727	184	221111	34.291	ng		99
78) Pyrene	12.833	202	829047	32.874	ng		100
80) Butylbenzylphthalate	13.457	149	374053	39.547	ng		97
81) Benzo(a)anthracene	14.033	228	742303	39.498	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	242052	40.652	ng	#	99
83) Chrysene	14.069	228	721974	39.663	ng		100
84) Bis(2-ethylhexyl)phtha...	14.016	149	511241	47.040	ng		99
85) Di-n-octyl phthalate	14.639	149	868688	54.397	ng		100
87) Indeno(1,2,3-cd)pyrene	17.092	276	525778	34.590	ng		99
88) Benzo(b)fluoranthene	15.098	252	580830	45.093	ng		98
89) Benzo(k)fluoranthene	15.133	252	577349	44.024	ng		97
90) Benzo(a)pyrene	15.480	252	515641	41.399	ng		99
91) Dibenzo(a,h)anthracene	17.110	278	435616	35.087	ng		99
92) Benzo(g,h,i)perylene	17.562	276	418173	32.662	ng		99

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

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