Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
Data File : BF135655.D
Acq On : 09 Oct 2023 17:22
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 10 02:18:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	148310	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	575698	20.000	ng		0.00
39) Acenaphthene-d10	9.781	164	282196	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	532632	20.000	ng		0.00
76) Chrysene-d12	13.939	240	273260	20.000	ng		0.01
86) Perylene-d12	15.404	264	265086	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	702969	77.091	ng		0.00
7) Phenol-d6	6.398	99	882363	76.099	ng		0.01
23) Nitrobenzene-d5	7.310	82	845425	79.784	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	203152	72.442	ng		0.01
45) 2-Fluorobiphenyl	9.104	172	1307889	69.924	ng		0.00
79) Terphenyl-d14	12.874	244	1354216	76.824	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.434	88	172566	43.169	ng		97
3) Pyridine	3.175	79	457725	42.545	ng		99
4) n-Nitrosodimethylamine	3.157	42	241711	42.338	ng		97
6) Aniline	6.410	93	560900	36.890	ng	#	44
8) 2-Chlorophenol	6.534	128	373812	38.402	ng		96
9) Benzaldehyde	6.298	77	233431	35.340	ng		98
10) Phenol	6.410	94	472067	37.129	ng	#	69
11) bis(2-Chloroethyl)ether	6.487	93	374016	39.217	ng		99
12) 1,3-Dichlorobenzene	6.681	146	369996	37.401	ng		99
13) 1,4-Dichlorobenzene	6.757	146	373470	37.106	ng		100
14) 1,2-Dichlorobenzene	6.910	146	337296	36.086	ng		97
15) Benzyl Alcohol	6.892	79	282072	33.901	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.022	45	670134	37.278	ng		82
17) 2-Methylphenol	7.010	107	328489	38.241	ng	#	94
18) Hexachloroethane	7.245	117	143652	38.628	ng		96
19) n-Nitroso-di-n-propyla...	7.163	70	263421	36.679	ng		96
20) 3+4-Methylphenols	7.163	107	406602	39.364	ng	#	85
22) Acetophenone	7.157	105	508650	38.646	ng		94
24) Nitrobenzene	7.334	77	429099	40.970	ng		95
25) Isophorone	7.569	82	789710	40.586	ng		99
26) 2-Nitrophenol	7.645	139	212197	42.214	ng		96
27) 2,4-Dimethylphenol	7.687	122	337958	39.998	ng		96
28) bis(2-Chloroethoxy)met...	7.775	93	471516	40.487	ng		100
29) 2,4-Dichlorophenol	7.892	162	313073	39.988	ng		97
30) 1,2,4-Trichlorobenzene	7.963	180	313823	38.349	ng		100
31) Naphthalene	8.045	128	1093085	39.079	ng		100
32) Benzoic acid	7.839	122	232537	36.549	ng		95
33) 4-Chloroaniline	8.104	127	480910	39.187	ng		98
34) Hexachlorobutadiene	8.151	225	185184	37.529	ng		98
35) Caprolactam	8.486	113	114535	43.589	ng		96
36) 4-Chloro-3-methylphenol	8.598	107	352524	40.513	ng		97
37) 2-Methylnaphthalene	8.734	142	702053	37.339	ng		100
38) 1-Methylnaphthalene	8.834	142	648340	36.830	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	314434	38.461	ng		98
41) Hexachlorocyclopentadiene	8.881	237	174032	51.236	ng		98
43) 2,4,6-Trichlorophenol	9.022	196	201555	37.654	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	235747	38.244	ng		96
46) 1,1'-Biphenyl	9.204	154	825574	38.069	ng		100
47) 2-Chloronaphthalene	9.228	162	601674	38.239	ng		98
48) 2-Nitroaniline	9.339	65	257537	42.130	ng		95
49) Acenaphthylene	9.639	152	952496	36.424	ng		99
50) Dimethylphthalate	9.510	163	736714	38.613	ng		100
51) 2,6-Dinitrotoluene	9.581	165	161692	38.686	ng		98
52) Acenaphthene	9.816	154	587240	38.014	ng		97
53) 3-Nitroaniline	9.757	138	203695	41.518	ng		90
54) 2,4-Dinitrophenol	9.875	184	133801	58.234	ng		97
55) Dibenzofuran	9.986	168	853926	36.224	ng		96
56) 4-Nitrophenol	9.939	139	129551	41.547	ng		91
57) 2,4-Dinitrotoluene	9.992	165	196631	37.578	ng		89
58) Fluorene	10.333	166	679189	37.478	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	179784	37.914	ng		97
60) Diethylphthalate	10.210	149	748073	39.068	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	328897	37.781	ng		97
62) 4-Nitroaniline	10.375	138	185952	39.429	ng		98
63) Azobenzene	10.486	77	735991	39.274	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	121253	42.861	ng		84
66) n-Nitrosodiphenylamine	10.451	169	638073	39.570	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	211051	39.840	ng		97
68) Hexachlorobenzene	10.880	284	207944	38.531	ng	#	88
69) Atrazine	10.980	200	165819	38.217	ng		99
70) Pentachlorophenol	11.086	266	129285	40.040	ng		97
71) Phenanthrene	11.304	178	989439	39.277	ng		99
72) Anthracene	11.351	178	1008554	38.950	ng		100
73) Carbazole	11.516	167	956832	40.592	ng		99
74) Di-n-butylphthalate	11.839	149	1148401	41.346	ng		99
75) Fluoranthene	12.498	202	1044717	39.800	ng		99
77) Benzidine	12.627	184	191465	34.201	ng		99
78) Pyrene	12.727	202	1049773	40.350	ng		100
80) Butylbenzylphthalate	13.351	149	418273	45.663	ng		98
81) Benzo(a)anthracene	13.927	228	715314	40.539	ng		99
82) 3,3'-Dichlorobenzidine	13.886	252	216568	39.294	ng	#	99
83) Chrysene	13.963	228	698242	39.801	ng		100
84) Bis(2-ethylhexyl)phtha...	13.910	149	512104	54.481	ng		100
85) Di-n-octyl phthalate	14.527	149	712857	47.721	ng		100
87) Indeno(1,2,3-cd)pyrene	16.904	276	711041	40.910	ng		100
88) Benzo(b)fluoranthene	14.980	252	551143	38.407	ng		99
89) Benzo(k)fluoranthene	15.004	252	542385	38.263	ng		97
90) Benzo(a)pyrene	15.345	252	538737	39.368	ng		100
91) Dibenzo(a,h)anthracene	16.909	278	577831	40.632	ng		98
92) Benzo(g,h,i)perylene	17.351	276	608214	40.951	ng		99

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

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