Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082923\
Data File : BF134979.D
Acq On : 29 Aug 2023 12:32
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 29 22:23:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 02:45:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	191632	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	702249	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	353986	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	598969	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	311811	20.000	ng	0.00
86) Perylene-d12	15.445	264	419275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	956853	79.624	ng	0.00
7) Phenol-d6	6.439	99	1181082	76.915	ng	0.00
23) Nitrobenzene-d5	7.363	82	1042170	81.776	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	324701	77.883	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1762464	76.969	ng	0.00
79) Terphenyl-d14	12.915	244	1523822	67.216	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.498	88	200581	38.460	ng	99
3) Pyridine	3.257	79	550997	39.205	ng	98
4) n-Nitrosodimethylamine	3.240	42	258502	41.601	ng	99
6) Aniline	6.463	93	718512	37.858	ng	99
8) 2-Chlorophenol	6.581	128	494342	39.203	ng	98
9) Benzaldehyde	6.345	77	310399	36.856	ng	99
10) Phenol	6.451	94	597118	37.980	ng	89
11) bis(2-Chloroethyl)ether	6.534	93	461793	38.722	ng	100
12) 1,3-Dichlorobenzene	6.733	146	525976	39.993	ng	98
13) 1,4-Dichlorobenzene	6.810	146	528121	40.121	ng	99
14) 1,2-Dichlorobenzene	6.963	146	480118	39.350	ng	97
15) Benzyl Alcohol	6.939	79	421278	39.484	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	635246	36.785	ng	99
17) 2-Methylphenol	7.051	107	427488	39.172	ng	97
18) Hexachloroethane	7.298	117	194785	40.887	ng	100
19) n-Nitroso-di-n-propyla...	7.216	70	332230	37.045	ng	97
20) 3+4-Methylphenols	7.204	107	481056	37.190	ng	98
22) Acetophenone	7.204	105	605241	38.994	ng	97
24) Nitrobenzene	7.380	77	524416	41.009	ng	96
25) Isophorone	7.616	82	949585	39.903	ng	99
26) 2-Nitrophenol	7.686	139	265805	41.751	ng	99
27) 2,4-Dimethylphenol	7.728	122	415633	40.027	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	559951	39.480	ng	100
29) 2,4-Dichlorophenol	7.933	162	407824	39.750	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	439118	40.315	ng	98
31) Naphthalene	8.092	128	1387779	39.577	ng	100
32) Benzoic acid	7.875	122	322686	42.109	ng	95
33) 4-Chloroaniline	8.145	127	587598	39.056	ng	99
34) Hexachlorobutadiene	8.204	225	268082	41.383	ng	100
35) Caprolactam	8.533	113	123421	38.536	ng	97
36) 4-Chloro-3-methylphenol	8.633	107	432064	39.907	ng	98
37) 2-Methylnaphthalene	8.786	142	922898	39.466	ng	100
38) 1-Methylnaphthalene	8.880	142	852760	38.999	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	430874	39.946	ng	100
41) Hexachlorocyclopentadiene	8.933	237	187562	39.275	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	283491	39.795	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	322225	39.069	ng		98
46) 1,1'-Biphenyl	9.251	154	1091250	39.048	ng		99
47) 2-Chloronaphthalene	9.274	162	815628	39.080	ng		99
48) 2-Nitroaniline	9.374	65	274601	40.026	ng		98
49) Acenaphthylene	9.692	152	1261544	39.251	ng		99
50) Dimethylphthalate	9.557	163	1012400	40.179	ng		100
51) 2,6-Dinitrotoluene	9.622	165	225318	40.544	ng		98
52) Acenaphthene	9.863	154	782204	38.631	ng		99
53) 3-Nitroaniline	9.792	138	239872	39.518	ng		100
54) 2,4-Dinitrophenol	9.898	184	109332	41.579	ng	#	89
55) Dibenzofuran	10.033	168	1149673	38.999	ng		96
56) 4-Nitrophenol	9.951	139	157777	37.299	ng		96
57) 2,4-Dinitrotoluene	10.027	165	267044	38.855	ng		90
58) Fluorene	10.380	166	860275	38.476	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	248853	38.727	ng		98
60) Diethylphthalate	10.257	149	945120	40.940	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	445053	39.707	ng		95
62) 4-Nitroaniline	10.410	138	218851	38.569	ng		96
63) Azobenzene	10.533	77	904450	39.438	ng		100
65) 4,6-Dinitro-2-methylph...	10.439	198	157808	44.650	ng		87
66) n-Nitrosodiphenylamine	10.492	169	795416	41.238	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	292158	42.279	ng	#	93
68) Hexachlorobenzene	10.927	284	306260	41.672	ng		98
69) Atrazine	11.021	200	195819	37.386	ng		98
70) Pentachlorophenol	11.121	266	172713	39.050	ng		96
71) Phenanthrene	11.345	178	1234164	39.321	ng		99
72) Anthracene	11.398	178	1265113	39.339	ng		100
73) Carbazole	11.551	167	1013487	38.245	ng		99
74) Di-n-butylphthalate	11.886	149	1259636	41.446	ng		100
75) Fluoranthene	12.539	202	1100908	37.018	ng		98
77) Benzidine	12.657	184	215467	42.590	ng		98
78) Pyrene	12.768	202	1088689	32.931	ng		100
80) Butylbenzylphthalate	13.392	149	407194	40.426	ng		98
81) Benzo(a)anthracene	13.962	228	831552	39.087	ng		100
82) 3,3'-Dichlorobenzidine	13.927	252	297324	44.157	ng	#	98
83) Chrysene	13.998	228	836734	39.863	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	542315	49.703	ng		100
85) Di-n-octyl phthalate	14.574	149	1025415	57.633	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	1224817	40.869	ng		98
88) Benzo(b)fluoranthene	15.015	252	932993	39.441	ng		98
89) Benzo(k)fluoranthene	15.045	252	920215	39.615	ng		99
90) Benzo(a)pyrene	15.386	252	941228	39.858	ng		98
91) Dibenzo(a,h)anthracene	16.962	278	991530	40.890	ng		99
92) Benzo(g,h,i)perylene	17.398	276	1001933	40.363	ng		98

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

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