Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134915.D
Acq On : 24 Aug 2023 09:55
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 25 01:15:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 19:33:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	150400	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	578681	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	295803	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	519569	20.000	ng	0.00
76) Chrysene-d12	13.986	240	247846	20.000	ng	0.00
86) Perylene-d12	15.462	264	319080	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	771086	81.756	ng	0.00
7) Phenol-d6	6.439	99	982124	81.492	ng	0.00
23) Nitrobenzene-d5	7.363	82	853592	81.281	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	277902	79.769	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1480888	77.393	ng	0.00
79) Terphenyl-d14	12.927	244	1336375	74.161	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.516	88	162854	39.787	ng	100
3) Pyridine	3.275	79	450218	40.817	ng	99
4) n-Nitrosodimethylamine	3.246	42	202892	41.603	ng	98
6) Aniline	6.469	93	602130	40.424	ng	99
8) 2-Chlorophenol	6.586	128	402676	40.688	ng	95
9) Benzaldehyde	6.351	77	256491	38.805	ng	98
10) Phenol	6.457	94	501781	40.666	ng	93
11) bis(2-Chloroethyl)ether	6.539	93	377785	40.363	ng	99
12) 1,3-Dichlorobenzene	6.739	146	418511	40.546	ng	99
13) 1,4-Dichlorobenzene	6.816	146	420750	40.727	ng	98
14) 1,2-Dichlorobenzene	6.969	146	392791	41.019	ng	98
15) Benzyl Alcohol	6.945	79	354019	42.277	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	524767	38.718	ng	99
17) 2-Methylphenol	7.057	107	353866	41.315	ng	99
18) Hexachloroethane	7.304	117	152394	40.758	ng	95
19) n-Nitroso-di-n-propyla...	7.222	70	275489	39.139	ng	93
20) 3+4-Methylphenols	7.210	107	406664	42.879	ng	97
22) Acetophenone	7.210	105	507660	39.691	ng	98
24) Nitrobenzene	7.386	77	431641	40.962	ng	96
25) Isophorone	7.622	82	773567	39.448	ng	100
26) 2-Nitrophenol	7.698	139	219976	41.931	ng	93
27) 2,4-Dimethylphenol	7.733	122	342925	40.077	ng	99
28) bis(2-Chloroethoxy)met...	7.833	93	457264	39.124	ng	100
29) 2,4-Dichlorophenol	7.939	162	340311	40.252	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	355818	39.643	ng	99
31) Naphthalene	8.098	128	1156687	40.030	ng	100
32) Benzoic acid	7.869	122	265162	41.991	ng	93
33) 4-Chloroaniline	8.151	127	503677	40.627	ng	98
34) Hexachlorobutadiene	8.216	225	214023	40.093	ng	97
35) Caprolactam	8.533	113	108175	40.988	ng	96
36) 4-Chloro-3-methylphenol	8.639	107	359447	40.289	ng	99
37) 2-Methylnaphthalene	8.792	142	763453	39.619	ng	100
38) 1-Methylnaphthalene	8.892	142	715283	39.697	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	354834	39.367	ng	100
41) Hexachlorocyclopentadiene	8.939	237	156840	39.302	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	239256	40.192	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	277853	40.316	ng		95
46) 1,1'-Biphenyl	9.257	154	920420	39.413	ng		98
47) 2-Chloronaphthalene	9.280	162	685318	39.295	ng		98
48) 2-Nitroaniline	9.380	65	234848	40.964	ng		98
49) Acenaphthylene	9.698	152	1064211	39.624	ng		100
50) Dimethylphthalate	9.569	163	824194	39.144	ng		99
51) 2,6-Dinitrotoluene	9.627	165	189326	40.768	ng		92
52) Acenaphthene	9.875	154	662477	39.154	ng		99
53) 3-Nitroaniline	9.798	138	206915	40.793	ng		97
54) 2,4-Dinitrophenol	9.904	184	90014	40.966	ng	#	86
55) Dibenzofuran	10.045	168	970616	39.401	ng		97
56) 4-Nitrophenol	9.963	139	143324	40.547	ng		95
57) 2,4-Dinitrotoluene	10.033	165	236385	41.159	ng		95
58) Fluorene	10.386	166	735905	39.387	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	210989	39.293	ng		98
60) Diethylphthalate	10.263	149	764520	39.631	ng		99
61) 4-Chlorophenyl-phenyle...	10.380	204	363912	38.854	ng		97
62) 4-Nitroaniline	10.416	138	195902	41.315	ng		96
63) Azobenzene	10.545	77	755465	39.421	ng		96
65) 4,6-Dinitro-2-methylph...	10.445	198	131149	42.778	ng		89
66) n-Nitrosodiphenylamine	10.504	169	667848	39.916	ng		100
67) 4-Bromophenyl-phenylether	10.874	248	242334	40.428	ng		96
68) Hexachlorobenzene	10.939	284	255561	40.087	ng		97
69) Atrazine	11.033	200	162779	35.828	ng		98
70) Pentachlorophenol	11.133	266	151407	39.464	ng		98
71) Phenanthrene	11.357	178	1087865	39.956	ng		99
72) Anthracene	11.410	178	1116122	40.010	ng		100
73) Carbazole	11.563	167	936002	40.719	ng		99
74) Di-n-butylphthalate	11.898	149	1045922	39.673	ng		100
75) Fluoranthene	12.551	202	1022834	39.649	ng		98
77) Benzidine	12.674	184	176970	44.009	ng		99
78) Pyrene	12.780	202	991090	37.715	ng		100
80) Butylbenzylphthalate	13.404	149	313850	39.201	ng		98
81) Benzo(a)anthracene	13.974	228	666834	39.434	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	226289	42.281	ng		99
83) Chrysene	14.010	228	664575	39.832	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	336283	38.775	ng		99
85) Di-n-octyl phthalate	14.586	149	598243	42.302	ng		99
87) Indeno(1,2,3-cd)pyrene	16.962	276	882618	38.699	ng		99
88) Benzo(b)fluoranthene	15.027	252	733353	40.737	ng		99
89) Benzo(k)fluoranthene	15.057	252	672258	38.028	ng		99
90) Benzo(a)pyrene	15.398	252	712442	39.643	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	710298	38.490	ng		99
92) Benzo(g,h,i)perylene	17.421	276	717635	37.988	ng		98

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

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