Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
Data File : BF134937.D
Acq On : 25 Aug 2023 13:02
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 25 13:52:09 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	6.793	152	158091	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	605072	20.000	ng		0.00
39) Acenaphthene-d10	9.833	164	318075	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	596545	20.000	ng		0.00
76) Chrysene-d12	13.980	240	300185	20.000	ng		0.00
86) Perylene-d12	15.451	264	345093	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	795324	80.224	ng		0.00
7) Phenol-d6	6.440	99	1018566	80.405	ng		0.00
23) Nitrobenzene-d5	7.363	82	890949	81.138	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	316147	84.393	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1574692	76.532	ng		0.00
79) Terphenyl-d14	12.922	244	1627843	74.585	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	163078	37.903	ng		99
3) Pyridine	3.269	79	450374	38.844	ng		99
4) n-Nitrosodimethylamine	3.246	42	206020	40.189	ng		98
6) Aniline	6.463	93	624523	39.888	ng		98
8) 2-Chlorophenol	6.581	128	419573	40.333	ng		95
9) Benzaldehyde	6.345	77	257854	37.113	ng		99
10) Phenol	6.451	94	522007	40.247	ng		94
11) bis(2-Chloroethyl)ether	6.540	93	388980	39.537	ng		97
12) 1,3-Dichlorobenzene	6.734	146	433353	39.942	ng		98
13) 1,4-Dichlorobenzene	6.810	146	438437	40.374	ng		98
14) 1,2-Dichlorobenzene	6.963	146	405310	40.267	ng		99
15) Benzyl Alcohol	6.940	79	367612	41.764	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	528981	37.130	ng		99
17) 2-Methylphenol	7.051	107	364330	40.467	ng		99
18) Hexachloroethane	7.298	117	160215	40.766	ng		94
19) n-Nitroso-di-n-propyla...	7.216	70	289190	39.087	ng		97
20) 3+4-Methylphenols	7.204	107	429396	43.137	ng		97
22) Acetophenone	7.210	105	531208	39.720	ng	#	97
24) Nitrobenzene	7.381	77	448030	40.662	ng		99
25) Isophorone	7.616	82	820476	40.015	ng		99
26) 2-Nitrophenol	7.692	139	225984	41.197	ng		96
27) 2,4-Dimethylphenol	7.734	122	360828	40.330	ng		96
28) bis(2-Chloroethoxy)met...	7.828	93	483740	39.584	ng		99
29) 2,4-Dichlorophenol	7.934	162	352823	39.912	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	374126	39.865	ng		100
31) Naphthalene	8.098	128	1204067	39.853	ng		100
32) Benzoic acid	7.869	122	283120	42.879	ng		96
33) 4-Chloroaniline	8.145	127	525295	40.522	ng		97
34) Hexachlorobutadiene	8.210	225	222747	39.907	ng		99
35) Caprolactam	8.534	113	118523	42.950	ng		95
36) 4-Chloro-3-methylphenol	8.634	107	385748	41.351	ng		99
37) 2-Methylnaphthalene	8.787	142	813310	40.365	ng		99
38) 1-Methylnaphthalene	8.886	142	753582	39.998	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	376854	38.882	ng		99
41) Hexachlorocyclopentadiene	8.939	237	169344	39.464	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	252177	39.396	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	293586	39.616	ng		99
46) 1,1'-Biphenyl	9.257	154	984272	39.196	ng		98
47) 2-Chloronaphthalene	9.281	162	727776	38.808	ng		99
48) 2-Nitroaniline	9.381	65	254919	41.352	ng		94
49) Acenaphthylene	9.692	152	1144564	39.632	ng		100
50) Dimethylphthalate	9.563	163	925277	40.867	ng		100
51) 2,6-Dinitrotoluene	9.622	165	208343	41.722	ng		89
52) Acenaphthene	9.869	154	714301	39.261	ng		100
53) 3-Nitroaniline	9.792	138	232232	42.579	ng		96
54) 2,4-Dinitrophenol	9.898	184	105955	44.844	ng	#	84
55) Dibenzofuran	10.039	168	1046885	39.522	ng		96
56) 4-Nitrophenol	9.957	139	164278	43.220	ng		98
57) 2,4-Dinitrotoluene	10.028	165	265889	43.055	ng		92
58) Fluorene	10.386	166	808636	40.249	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	235580	40.801	ng		98
60) Diethylphthalate	10.263	149	877716	42.313	ng		99
61) 4-Chlorophenyl-phenyle...	10.375	204	399902	39.707	ng		96
62) 4-Nitroaniline	10.410	138	228367	44.789	ng		98
63) Azobenzene	10.539	77	841084	40.816	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	158481	45.023	ng		98
66) n-Nitrosodiphenylamine	10.498	169	739259	38.482	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	270117	39.248	ng	#	92
68) Hexachlorobenzene	10.933	284	286448	39.134	ng		97
69) Atrazine	11.028	200	198703	38.091	ng		97
70) Pentachlorophenol	11.128	266	174815	39.686	ng		97
71) Phenanthrene	11.351	178	1238084	39.606	ng		99
72) Anthracene	11.404	178	1268177	39.595	ng		99
73) Carbazole	11.557	167	1084369	41.086	ng		99
74) Di-n-butylphthalate	11.892	149	1295386	42.795	ng		100
75) Fluoranthene	12.545	202	1209053	40.820	ng		99
77) Benzidine	12.663	184	213934	43.925	ng		99
78) Pyrene	12.774	202	1185143	37.236	ng		99
80) Butylbenzylphthalate	13.398	149	417336	43.038	ng		96
81) Benzo(a)anthracene	13.969	228	794168	38.776	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	264767	40.845	ng		98
83) Chrysene	14.004	228	798799	39.529	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	484414	46.116	ng		100
85) Di-n-octyl phthalate	14.580	149	811855	47.397	ng		98
87) Indeno(1,2,3-cd)pyrene	16.951	276	995257	40.348	ng		99
88) Benzo(b)fluoranthene	15.021	252	766539	39.370	ng		99
89) Benzo(k)fluoranthene	15.051	252	792133	41.432	ng		99
90) Benzo(a)pyrene	15.392	252	778640	40.061	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	809509	40.560	ng		98
92) Benzo(g,h,i)perylene	17.409	276	814786	39.880	ng		99

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

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