Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134957.D
Acq On : 28 Aug 2023 08:57
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 29 03:45:11 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	6.798	152	176737	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	658600	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	329234	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	606677	20.000	ng	0.00
76) Chrysene-d12	13.986	240	303271	20.000	ng	0.00
86) Perylene-d12	15.462	264	359778	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	880873	79.479	ng	0.00
7) Phenol-d6	6.445	99	1131378	79.888	ng	0.00
23) Nitrobenzene-d5	7.369	82	969905	81.150	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	318689	82.188	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1610262	75.609	ng	0.00
79) Terphenyl-d14	12.927	244	1609845	73.010	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.516	88	185609	38.589	ng	98
3) Pyridine	3.275	79	516610	39.856	ng	98
4) n-Nitrosodimethylamine	3.257	42	236895	41.337	ng	99
6) Aniline	6.469	93	675329	38.582	ng	99
8) 2-Chlorophenol	6.587	128	461455	39.679	ng	97
9) Benzaldehyde	6.351	77	297234	38.267	ng	98
10) Phenol	6.457	94	565477	38.999	ng	91
11) bis(2-Chloroethyl)ether	6.540	93	424542	38.599	ng	99
12) 1,3-Dichlorobenzene	6.739	146	486231	40.087	ng	98
13) 1,4-Dichlorobenzene	6.816	146	483242	39.805	ng	99
14) 1,2-Dichlorobenzene	6.969	146	440436	39.140	ng	98
15) Benzyl Alcohol	6.945	79	395003	40.142	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	582992	36.604	ng	99
17) 2-Methylphenol	7.057	107	397076	39.452	ng	97
18) Hexachloroethane	7.304	117	174189	39.645	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	306694	37.080	ng	96
20) 3+4-Methylphenols	7.210	107	457802	38.375	ng	97
22) Acetophenone	7.210	105	569109	39.096	ng	98
24) Nitrobenzene	7.387	77	485573	40.488	ng	96
25) Isophorone	7.622	82	875316	39.220	ng	100
26) 2-Nitrophenol	7.698	139	245740	41.158	ng	94
27) 2,4-Dimethylphenol	7.739	122	391076	40.158	ng	98
28) bis(2-Chloroethoxy)met...	7.834	93	515040	38.720	ng	100
29) 2,4-Dichlorophenol	7.939	162	378467	39.333	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	402109	39.364	ng	98
31) Naphthalene	8.098	128	1286519	39.121	ng	99
32) Benzoic acid	7.881	122	303855	42.279	ng	94
33) 4-Chloroaniline	8.151	127	562154	39.841	ng	98
34) Hexachlorobutadiene	8.210	225	241613	39.769	ng	99
35) Caprolactam	8.539	113	123521	41.123	ng	98
36) 4-Chloro-3-methylphenol	8.639	107	412709	40.645	ng	99
37) 2-Methylnaphthalene	8.792	142	858358	39.139	ng	99
38) 1-Methylnaphthalene	8.892	142	796955	38.862	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	399504	39.822	ng	99
41) Hexachlorocyclopentadiene	8.939	237	162633	36.615	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	265806	40.118	ng	100

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44) 2,4,5-Trichlorophenol	9.116	196	300134	39.127	ng		97
46) 1,1'-Biphenyl	9.257	154	1016268	39.099	ng		100
47) 2-Chloronaphthalene	9.281	162	763858	39.351	ng		98
48) 2-Nitroaniline	9.381	65	271644	42.571	ng		98
49) Acenaphthylene	9.698	152	1174130	39.277	ng		100
50) Dimethylphthalate	9.563	163	951345	40.595	ng		100
51) 2,6-Dinitrotoluene	9.628	165	212578	41.127	ng		91
52) Acenaphthene	9.869	154	742266	39.415	ng		100
53) 3-Nitroaniline	9.798	138	244111	43.239	ng		94
54) 2,4-Dinitrophenol	9.910	184	107836	44.093	ng		98
55) Dibenzofuran	10.045	168	1072297	39.109	ng		97
56) 4-Nitrophenol	9.963	139	170511	43.340	ng		97
57) 2,4-Dinitrotoluene	10.033	165	269567	42.171	ng		88
58) Fluorene	10.386	166	832190	40.018	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	237792	39.788	ng		98
60) Diethylphthalate	10.263	149	862441	40.167	ng		100
61) 4-Chlorophenyl-phenyle...	10.380	204	406817	39.025	ng		99
62) 4-Nitroaniline	10.416	138	232469	44.049	ng		98
63) Azobenzene	10.539	77	852852	39.984	ng		99
65) 4,6-Dinitro-2-methylph...	10.445	198	157106	43.887	ng		98
66) n-Nitrosodiphenylamine	10.504	169	759019	38.851	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	274938	39.281	ng	#	91
68) Hexachlorobenzene	10.939	284	289336	38.869	ng		97
69) Atrazine	11.033	200	197441	37.217	ng		97
70) Pentachlorophenol	11.133	266	179583	40.087	ng		98
71) Phenanthrene	11.357	178	1239306	38.983	ng		100
72) Anthracene	11.404	178	1274398	39.124	ng		99
73) Carbazole	11.563	167	1104726	41.159	ng		99
74) Di-n-butylphthalate	11.898	149	1233768	40.079	ng		99
75) Fluoranthene	12.551	202	1212707	40.260	ng		98
77) Benzidine	12.669	184	220375	44.787	ng		98
78) Pyrene	12.780	202	1199524	37.305	ng		100
80) Butylbenzylphthalate	13.404	149	397807	40.607	ng		99
81) Benzo(a)anthracene	13.974	228	809370	39.116	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	271505	41.458	ng	#	98
83) Chrysene	14.010	228	806278	39.493	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	433206	40.822	ng		98
85) Di-n-octyl phthalate	14.586	149	710919	41.082	ng		100
87) Indeno(1,2,3-cd)pyrene	16.968	276	975537	37.934	ng		99
88) Benzo(b)fluoranthene	15.027	252	831471	40.962	ng		99
89) Benzo(k)fluoranthene	15.063	252	758937	38.075	ng		98
90) Benzo(a)pyrene	15.398	252	808048	39.877	ng		99
91) Dibenzo(a,h)anthracene	16.986	278	791865	38.056	ng		100
92) Benzo(g,h,i)perylene	17.427	276	794468	37.298	ng		99

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

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