Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
Data File : BF138941.D
Acq On : 12 Aug 2024 18:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 13 00:59:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	58181	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	239376	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	138963	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	240817	20.000	ng		0.00
76) Chrysene-d12	14.004	240	119797	20.000	ng	#	0.00
86) Perylene-d12	15.468	264	116791	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	295144	78.307	ng		0.00
7) Phenol-d6	6.493	99	406461	80.323	ng		0.00
23) Nitrobenzene-d5	7.416	82	406964	83.120	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	97560	85.707	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	753677	81.489	ng		0.00
79) Terphenyl-d14	12.945	244	602942	84.266	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	57227	34.681	ng		97
3) Pyridine	3.352	79	145788	36.472	ng		95
4) n-Nitrosodimethylamine	3.316	42	105216	44.195	ng		83
6) Aniline	6.510	93	182381	40.413	ng	#	51
8) 2-Chlorophenol	6.634	128	161220	40.656	ng		99
9) Benzaldehyde	6.398	77	111831	36.866	ng		98
10) Phenol	6.504	94	213146	40.005	ng	#	75
11) bis(2-Chloroethyl)ether	6.581	93	154697	37.731	ng		99
12) 1,3-Dichlorobenzene	6.781	146	175274	39.486	ng		99
13) 1,4-Dichlorobenzene	6.857	146	175073	39.082	ng		98
14) 1,2-Dichlorobenzene	7.010	146	171075	40.863	ng		99
15) Benzyl Alcohol	6.993	79	161158	44.187	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	262998	37.273	ng		56
17) 2-Methylphenol	7.110	107	133416	40.744	ng	#	89
18) Hexachloroethane	7.345	117	69890	41.448	ng		98
19) n-Nitroso-di-n-propyla...	7.263	70	131680	43.084	ng		99
20) 3+4-Methylphenols	7.263	107	179116	42.634	ng	#	87
22) Acetophenone	7.257	105	251783	42.958	ng		99
24) Nitrobenzene	7.434	77	202813	40.708	ng		99
25) Isophorone	7.669	82	351819	42.082	ng		97
26) 2-Nitrophenol	7.745	139	90516	42.229	ng		96
27) 2,4-Dimethylphenol	7.787	122	102561	39.991	ng		95
28) bis(2-Chloroethoxy)met...	7.875	93	202773	39.828	ng		98
29) 2,4-Dichlorophenol	7.992	162	138782	42.113	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	152895	40.203	ng		98
31) Naphthalene	8.145	128	508358	40.346	ng		99
32) Benzoic acid	7.945	122	73072	36.247	ng		96
33) 4-Chloroaniline	8.198	127	167369	39.572	ng		97
34) Hexachlorobutadiene	8.257	225	98666	42.833	ng		100
35) Caprolactam	8.592	113	43610	44.350	ng		98
36) 4-Chloro-3-methylphenol	8.692	107	164588	43.701	ng		100
37) 2-Methylnaphthalene	8.834	142	330892	41.582	ng		99
38) 1-Methylnaphthalene	8.934	142	322577	41.368	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	152846	39.595	ng		98
41) Hexachlorocyclopentadiene	8.981	237	34238	37.557	ng		100
43) 2,4,6-Trichlorophenol	9.122	196	93072	39.544	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	102945	40.010	ng		98
46) 1,1'-Biphenyl	9.298	154	431832	39.678	ng		99
47) 2-Chloronaphthalene	9.328	162	317786	39.260	ng		99
48) 2-Nitroaniline	9.428	65	115255	42.002	ng		95
49) Acenaphthylene	9.739	152	451182	39.301	ng		99
50) Dimethylphthalate	9.604	163	377469	42.482	ng		99
51) 2,6-Dinitrotoluene	9.675	165	85933	42.853	ng		93
52) Acenaphthene	9.910	154	305652	39.607	ng		99
53) 3-Nitroaniline	9.845	138	82208	39.656	ng		97
54) 2,4-Dinitrophenol	9.957	184	45796	49.611	ng		85
55) Dibenzofuran	10.081	168	440015	40.392	ng		98
56) 4-Nitrophenol	10.028	139	60200	48.291	ng		93
57) 2,4-Dinitrotoluene	10.081	165	114172	44.626	ng	#	86
58) Fluorene	10.428	166	361842	41.711	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	83278	42.335	ng		97
60) Diethylphthalate	10.298	149	386080	45.826	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	180900	42.400	ng		96
62) 4-Nitroaniline	10.463	138	81336	41.287	ng		90
63) Azobenzene	10.575	77	383622	41.055	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	59830	40.723	ng		93
66) n-Nitrosodiphenylamine	10.539	169	298490	39.654	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	105627	40.512	ng		98
68) Hexachlorobenzene	10.975	284	107471	39.922	ng		100
69) Atrazine	11.063	200	77285	39.795	ng		99
70) Pentachlorophenol	11.175	266	52172	42.996	ng		99
71) Phenanthrene	11.386	178	503343	40.592	ng		99
72) Anthracene	11.439	178	492551	40.321	ng		100
73) Carbazole	11.598	167	421510	39.994	ng		99
74) Di-n-butylphthalate	11.916	149	559178	47.197	ng		99
75) Fluoranthene	12.575	202	473694	40.919	ng		98
77) Benzidine	12.698	184	78945	27.552	ng		98
78) Pyrene	12.804	202	465209	41.245	ng		99
80) Butylbenzylphthalate	13.410	149	159773	44.235	ng		99
81) Benzo(a)anthracene	13.992	228	314465	38.119	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	85418	40.462	ng		99
83) Chrysene	14.033	228	291770	39.203	ng		99
84) Bis(2-ethylhexyl)phtha...	13.969	149	207022	39.141	ng		100
85) Di-n-octyl phthalate	14.580	149	345083	35.264	ng		100
87) Indeno(1,2,3-cd)pyrene	16.951	276	309402	36.967	ng		95
88) Benzo(b)fluoranthene	15.039	252	312751	43.198	ng		98
89) Benzo(k)fluoranthene	15.068	252	234884	37.471	ng		99
90) Benzo(a)pyrene	15.404	252	243643	40.008	ng		99
91) Dibenzo(a,h)anthracene	16.957	278	255158	37.139	ng		97
92) Benzo(g,h,i)perylene	17.392	276	256083	35.919	ng		97

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

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