Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139642.D
Acq On : 03 Oct 2024 20:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Oct 04 01:17:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	106597	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	391745	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	216910	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	395283	20.000	ng	0.00
76) Chrysene-d12	14.027	240	216615	20.000	ng	0.00
86) Perylene-d12	15.498	264	238104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	486441	79.094	ng	0.00
7) Phenol-d6	6.499	99	643007	77.746	ng	0.00
23) Nitrobenzene-d5	7.434	82	602695	77.894	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	159394	76.123	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1082510	76.615	ng	0.00
79) Terphenyl-d14	12.975	244	995759	75.427	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	107741	40.520	ng	98
3) Pyridine	3.375	79	272062	42.071	ng	99
4) n-Nitrosodimethylamine	3.334	42	168592	39.829	ng	98
6) Aniline	6.528	93	288214	39.271	ng	92
8) 2-Chlorophenol	6.651	128	257185	39.032	ng	97
9) Benzaldehyde	6.416	77	192788	44.004	ng	97
10) Phenol	6.516	94	340469	39.150	ng	95
11) bis(2-Chloroethyl)ether	6.604	93	254195	35.899	ng	98
12) 1,3-Dichlorobenzene	6.810	146	288511	38.922	ng	99
13) 1,4-Dichlorobenzene	6.887	146	291809	38.869	ng	99
14) 1,2-Dichlorobenzene	7.040	146	271934	38.648	ng	99
15) Benzyl Alcohol	7.010	79	240593	38.073	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	462025	37.691	ng	97
17) 2-Methylphenol	7.122	107	212928	38.708	ng	98
18) Hexachloroethane	7.375	117	107523	38.398	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	195801	36.824	ng	99
20) 3+4-Methylphenols	7.275	107	262301	37.964	ng	97
22) Acetophenone	7.275	105	358890	38.595	ng	99
24) Nitrobenzene	7.451	77	315974	39.437	ng	100
25) Isophorone	7.687	82	521975	37.983	ng	99
26) 2-Nitrophenol	7.763	139	138661	40.258	ng	96
27) 2,4-Dimethylphenol	7.804	122	164000	38.894	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	313579	38.213	ng	99
29) 2,4-Dichlorophenol	8.010	162	215017	39.095	ng	97
30) 1,2,4-Trichlorobenzene	8.087	180	241688	38.858	ng	99
31) Naphthalene	8.169	128	782426	39.064	ng	100
32) Benzoic acid	7.928	122	168482	40.184	ng	98
33) 4-Chloroaniline	8.222	127	258713	38.159	ng	100
34) Hexachlorobutadiene	8.287	225	155268	38.575	ng	99
35) Caprolactam	8.598	113	69787	38.687	ng	96
36) 4-Chloro-3-methylphenol	8.704	107	234531	37.670	ng	99
37) 2-Methylnaphthalene	8.863	142	498691	38.229	ng	99
38) 1-Methylnaphthalene	8.963	142	474819	37.237	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	236128	39.202	ng	99
41) Hexachlorocyclopentadiene	9.010	237	66541	36.029	ng	99
43) 2,4,6-Trichlorophenol	9.140	196	161734	39.831	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	166699	38.069	ng	98
46) 1,1'-Biphenyl	9.328	154	620113	38.437	ng	99
47) 2-Chloronaphthalene	9.351	162	473974	39.189	ng	99
48) 2-Nitroaniline	9.445	65	176102	40.562	ng	98
49) Acenaphthylene	9.763	152	710844	38.647	ng	100
50) Dimethylphthalate	9.628	163	547988	38.593	ng	100
51) 2,6-Dinitrotoluene	9.692	165	125586	39.154	ng	94
52) Acenaphthene	9.940	154	489278	38.749	ng	99
53) 3-Nitroaniline	9.857	138	128599	39.233	ng	100
54) 2,4-Dinitrophenol	9.963	184	66077	38.301	ng	97
55) Dibenzofuran	10.110	168	677078	38.298	ng	100
56) 4-Nitrophenol	10.022	139	93913	37.571	ng	96
57) 2,4-Dinitrotoluene	10.092	165	168717	40.242	ng	98
58) Fluorene	10.451	166	532945	37.848	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	134241	37.956	ng	99
60) Diethylphthalate	10.322	149	557492	38.012	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	264388	37.530	ng	97
62) 4-Nitroaniline	10.475	138	130820	39.018	ng	98
63) Azobenzene	10.604	77	556139	37.707	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	90072	40.346	ng	98
66) n-Nitrosodiphenylamine	10.563	169	451916	38.786	ng	99
67) 4-Bromophenyl-phenylether	10.934	248	157120	38.768	ng	98
68) Hexachlorobenzene	10.998	284	173701	38.624	ng	99
69) Atrazine	11.086	200	92305	29.527	ng	98
70) Pentachlorophenol	11.192	266	103072	38.490	ng	99
71) Phenanthrene	11.416	178	719249	38.591	ng	99
72) Anthracene	11.463	178	706855	38.336	ng	100
73) Carbazole	11.622	167	676734	38.213	ng	100
74) Di-n-butylphthalate	11.945	149	842442	39.120	ng	100
75) Fluoranthene	12.604	202	738710	36.258	ng	99
77) Benzidine	12.728	184	222032	58.111	ng	100
78) Pyrene	12.833	202	730929	37.728	ng	99
80) Butylbenzylphthalate	13.445	149	284917	41.114	ng	100
81) Benzo(a)anthracene	14.022	228	558324	39.204	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	193318	44.354	ng	99
83) Chrysene	14.057	228	486957	37.399	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	377329	43.605	ng	99
85) Di-n-octyl phthalate	14.616	149	591285	46.511	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	586190	41.828	ng	100
88) Benzo(b)fluoranthene	15.069	252	594845	38.638	ng	100
89) Benzo(k)fluoranthene	15.098	252	452527	34.651	ng	100
90) Benzo(a)pyrene	15.439	252	474800	39.113	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	485407	41.760	ng	99
92) Benzo(g,h,i)perylene	17.421	276	475443	40.785	ng	100

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

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