Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
Data File : BF139267.D
Acq On : 06 Sep 2024 09:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 06 10:42:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	124801	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	458071	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	252229	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	466942	20.000	ng	0.00
76) Chrysene-d12	14.051	240	228358	20.000	ng	0.00
86) Perylene-d12	15.527	264	228557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	590080	79.096	ng	0.00
7) Phenol-d6	6.516	99	787686	79.090	ng	0.00
23) Nitrobenzene-d5	7.451	82	699966	79.495	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	172860	79.365	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1228044	75.156	ng	0.00
79) Terphenyl-d14	12.998	244	1129743	79.877	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	137039	39.445	ng	98
3) Pyridine	3.422	79	341187	40.685	ng	98
4) n-Nitrosodimethylamine	3.387	42	215316	39.538	ng	99
6) Aniline	6.551	93	364364	39.785	ng	99
8) 2-Chlorophenol	6.675	128	302508	39.126	ng	98
9) Benzaldehyde	6.440	77	245502	40.723	ng	99
10) Phenol	6.528	94	422183	40.189	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	299303	39.769	ng	100
12) 1,3-Dichlorobenzene	6.828	146	341606	39.035	ng	99
13) 1,4-Dichlorobenzene	6.904	146	344514	39.331	ng	99
14) 1,2-Dichlorobenzene	7.063	146	319412	39.098	ng	99
15) Benzyl Alcohol	7.028	79	288029	39.657	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	556791	38.863	ng	99
17) 2-Methylphenol	7.140	107	249050	39.434	ng	99
18) Hexachloroethane	7.404	117	122583	39.183	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	226060	39.411	ng	99
20) 3+4-Methylphenols	7.292	107	318021	39.954	ng	97
22) Acetophenone	7.298	105	424688	38.916	ng	99
24) Nitrobenzene	7.475	77	369018	39.485	ng	100
25) Isophorone	7.710	82	590353	39.216	ng	100
26) 2-Nitrophenol	7.787	139	152609	41.575	ng	99
27) 2,4-Dimethylphenol	7.822	122	207317	39.602	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	350561	39.086	ng	99
29) 2,4-Dichlorophenol	8.028	162	249459	39.798	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	283336	39.579	ng	99
31) Naphthalene	8.192	128	900939	38.838	ng	100
32) Benzoic acid	7.928	122	185667	38.937	ng	99
33) 4-Chloroaniline	8.239	127	313396	39.018	ng	99
34) Hexachlorobutadiene	8.310	225	176977	39.014	ng	99
35) Caprolactam	8.610	113	80387	41.427	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	273973	40.111	ng	99
37) 2-Methylnaphthalene	8.886	142	566918	39.062	ng	98
38) 1-Methylnaphthalene	8.986	142	556611	38.995	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	272549	38.192	ng	99
41) Hexachlorocyclopentadiene	9.039	237	92239	40.219	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	185782	39.789	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	187867	38.396	ng	98
46) 1,1'-Biphenyl	9.351	154	713071	38.157	ng	100
47) 2-Chloronaphthalene	9.375	162	538864	38.188	ng	100
48) 2-Nitroaniline	9.469	65	197314	40.597	ng	98
49) Acenaphthylene	9.792	152	818152	38.496	ng	100
50) Dimethylphthalate	9.651	163	592097	38.731	ng	99
51) 2,6-Dinitrotoluene	9.710	165	138889	40.047	ng	100
52) Acenaphthene	9.963	154	543232	38.537	ng	99
53) 3-Nitroaniline	9.881	138	144932	39.222	ng	98
54) 2,4-Dinitrophenol	9.981	184	57835	36.360	ng	95
55) Dibenzofuran	10.133	168	782257	38.707	ng	100
56) 4-Nitrophenol	10.028	139	108396	39.744	ng	99
57) 2,4-Dinitrotoluene	10.110	165	182507	41.345	ng	99
58) Fluorene	10.475	166	603745	38.531	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	151483	39.331	ng	100
60) Diethylphthalate	10.351	149	594684	39.528	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	291842	38.622	ng	99
62) 4-Nitroaniline	10.492	138	145642	41.406	ng	98
63) Azobenzene	10.628	77	612767	38.645	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	84417	39.126	ng	98
66) n-Nitrosodiphenylamine	10.586	169	511669	37.645	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	170241	37.577	ng	98
68) Hexachlorobenzene	11.022	284	195934	37.779	ng	99
69) Atrazine	11.110	200	132048	42.109	ng	99
70) Pentachlorophenol	11.210	266	122027	40.731	ng	97
71) Phenanthrene	11.439	178	830584	38.076	ng	100
72) Anthracene	11.492	178	819129	38.441	ng	100
73) Carbazole	11.645	167	785854	39.458	ng	100
74) Di-n-butylphthalate	11.975	149	860518	42.199	ng	100
75) Fluoranthene	12.627	202	880988	40.285	ng	100
77) Benzidine	12.745	184	216104	46.999	ng	99
78) Pyrene	12.857	202	880347	39.908	ng	99
80) Butylbenzylphthalate	13.474	149	240357	46.284	ng	99
81) Benzo(a)anthracene	14.039	228	557615	38.241	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	165560	42.753	ng	99
83) Chrysene	14.080	228	549608	40.385	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	250623	41.118	ng	100
85) Di-n-octyl phthalate	14.651	149	419972	35.988	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	515951	36.135	ng	99
88) Benzo(b)fluoranthene	15.092	252	539224	40.967	ng	99
89) Benzo(k)fluoranthene	15.121	252	465062	39.406	ng	99
90) Benzo(a)pyrene	15.463	252	455103	40.719	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	419817	35.678	ng	100
92) Benzo(g,h,i)perylene	17.457	276	428793	35.304	ng	98

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

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