Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110624\
Data File : BF140259.D
Acq On : 06 Nov 2024 17:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Nov 06 18:11:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 16:47:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	188922	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	703886	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	409478	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	722096	20.000	ng	0.00
76) Chrysene-d12	14.057	240	416281	20.000	ng	0.00
86) Perylene-d12	15.539	264	384228	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	864677	75.849	ng	0.00
7) Phenol-d6	6.504	99	1092676	74.518	ng	0.00
23) Nitrobenzene-d5	7.445	82	1059487	74.836	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	323499	79.926	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1865647	72.753	ng	0.00
79) Terphenyl-d14	12.998	244	1975494	77.739	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	191498	36.537	ng	97
3) Pyridine	3.428	79	479584	37.501	ng	97
4) n-Nitrosodimethylamine	3.393	42	264911	35.879	ng	94
6) Aniline	6.540	93	506890	38.262	ng	100
8) 2-Chlorophenol	6.663	128	456332	38.257	ng	98
9) Benzaldehyde	6.428	77	343284	38.006	ng	98
10) Phenol	6.522	94	583309	37.456	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	448887	37.944	ng	98
12) 1,3-Dichlorobenzene	6.822	146	533363	38.158	ng	99
13) 1,4-Dichlorobenzene	6.898	146	535856	38.011	ng	99
14) 1,2-Dichlorobenzene	7.051	146	494376	37.547	ng	99
15) Benzyl Alcohol	7.016	79	427257	37.798	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	697772	36.438	ng	99
17) 2-Methylphenol	7.128	107	378463	38.036	ng	99
18) Hexachloroethane	7.392	117	198414	37.784	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	341856	36.545	ng	97
20) 3+4-Methylphenols	7.281	107	473997	37.930	ng	100
22) Acetophenone	7.287	105	645459	36.985	ng	96
24) Nitrobenzene	7.463	77	549050	36.960	ng	97
25) Isophorone	7.698	82	904026	37.085	ng	99
26) 2-Nitrophenol	7.775	139	239160	40.472	ng	99
27) 2,4-Dimethylphenol	7.810	122	313295	38.971	ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	555056	38.049	ng	100
29) 2,4-Dichlorophenol	8.016	162	389502	39.164	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	454658	38.150	ng	98
31) Naphthalene	8.181	128	1355014	37.279	ng	100
32) Benzoic acid	7.922	122	276013	41.836	ng	99
33) 4-Chloroaniline	8.228	127	457073	38.197	ng	99
34) Hexachlorobutadiene	8.298	225	304672	37.770	ng	100
35) Caprolactam	8.610	113	118740	39.247	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	424846	38.367	ng	96
37) 2-Methylnaphthalene	8.869	142	893798	37.678	ng	100
38) 1-Methylnaphthalene	8.969	142	874538	37.612	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	459092	38.298	ng	99
41) Hexachlorocyclopentadiene	9.022	237	145748	43.389	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	290045	39.045	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	307099	39.318	ng	97
46) 1,1'-Biphenyl	9.339	154	1098565	37.116	ng	100
47) 2-Chloronaphthalene	9.363	162	835207	37.492	ng	100
48) 2-Nitroaniline	9.457	65	281613	37.801	ng	97
49) Acenaphthylene	9.781	152	1185120	37.577	ng	99
50) Dimethylphthalate	9.639	163	962623	38.172	ng	99
51) 2,6-Dinitrotoluene	9.704	165	227631	38.401	ng	98
52) Acenaphthene	9.957	154	849724	37.985	ng	99
53) 3-Nitroaniline	9.875	138	214752	38.475	ng	97
54) 2,4-Dinitrophenol	9.975	184	102884	38.787	ng	96
55) Dibenzofuran	10.128	168	1175938	37.593	ng	99
56) 4-Nitrophenol	10.028	139	156624	39.908	ng	97
57) 2,4-Dinitrotoluene	10.104	165	305940	39.772	ng	96
58) Fluorene	10.469	166	925327	37.161	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	258539	40.406	ng	96
60) Diethylphthalate	10.339	149	965662	38.534	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	470720	37.509	ng	99
62) 4-Nitroaniline	10.486	138	212382	38.289	ng	97
63) Azobenzene	10.622	77	966538	37.206	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	157047	41.410	ng	98
66) n-Nitrosodiphenylamine	10.581	169	780352	37.573	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	304827	39.202	ng	98
68) Hexachlorobenzene	11.016	284	341865	38.571	ng	99
69) Atrazine	11.104	200	243503	42.854	ng	98
70) Pentachlorophenol	11.210	266	203423	42.742	ng	98
71) Phenanthrene	11.433	178	1292740	37.513	ng	100
72) Anthracene	11.486	178	1272696	37.663	ng	100
73) Carbazole	11.639	167	1163385	37.679	ng	99
74) Di-n-butylphthalate	11.969	149	1425869	39.013	ng	100
75) Fluoranthene	12.622	202	1338563	37.148	ng	100
77) Benzidine	12.745	184	395940	48.647	ng	100
78) Pyrene	12.857	202	1346427	39.173	ng	99
80) Butylbenzylphthalate	13.469	149	520544	42.059	ng	98
81) Benzo(a)anthracene	14.045	228	1011504	37.863	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	336495	40.109	ng	98
83) Chrysene	14.080	228	938466	37.513	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	698290	40.256	ng	100
85) Di-n-octyl phthalate	14.651	149	1056814	40.477	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	879419	38.992	ng	99
88) Benzo(b)fluoranthene	15.104	252	943558	40.599	ng	99
89) Benzo(k)fluoranthene	15.133	252	746670	35.012	ng	100
90) Benzo(a)pyrene	15.480	252	740158	38.626	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	710888	38.311	ng	100
92) Benzo(g,h,i)perylene	17.509	276	734781	38.818	ng	99

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

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