Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
Data File : BF141835.D
Acq On : 05 Mar 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Mar 05 11:27:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	246608	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	945299	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	507589	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	873644	20.000	ng	0.00
76) Chrysene-d12	14.045	240	595765	20.000	ng	0.00
86) Perylene-d12	15.510	264	513355	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1246062	80.693	ng	0.00
7) Phenol-d6	6.510	99	1590960	79.155	ng	0.00
23) Nitrobenzene-d5	7.445	82	1402310	94.823	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	425699	89.332	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2496418	78.861	ng	0.00
79) Terphenyl-d14	12.992	244	2834884	76.987	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	281849	40.225	ng	99
3) Pyridine	3.452	79	705001	40.439	ng	98
4) n-Nitrosodimethylamine	3.393	42	341742	40.740	ng	97
6) Aniline	6.551	93	828160	39.633	ng	99
8) 2-Chlorophenol	6.669	128	667898	39.983	ng	99
9) Benzaldehyde	6.440	77	411185	35.170	ng	98
10) Phenol	6.522	94	855332	39.824	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	607625	37.114	ng	99
12) 1,3-Dichlorobenzene	6.828	146	705872	39.458	ng	99
13) 1,4-Dichlorobenzene	6.904	146	715372	39.687	ng	99
14) 1,2-Dichlorobenzene	7.057	146	664849	39.499	ng	100
15) Benzyl Alcohol	7.022	79	627467	39.062	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	873469	35.131	ng	99
17) 2-Methylphenol	7.128	107	539412	39.120	ng	99
18) Hexachloroethane	7.398	117	257495	38.167	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	470848	35.637	ng	100
20) 3+4-Methylphenols	7.281	107	682535	39.753	ng	95
22) Acetophenone	7.292	105	907232	39.406	ng	98
24) Nitrobenzene	7.469	77	708702	44.751	ng	99
25) Isophorone	7.704	82	1195819	37.638	ng	99
26) 2-Nitrophenol	7.781	139	337701	47.760	ng	99
27) 2,4-Dimethylphenol	7.810	122	469729	40.220	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	747705	36.892	ng	99
29) 2,4-Dichlorophenol	8.016	162	550338	40.846	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	590525	39.998	ng	99
31) Naphthalene	8.192	128	1922662	39.574	ng	99
32) Benzoic acid	7.922	122	468479	48.051	ng	99
33) 4-Chloroaniline	8.234	127	714189	40.091	ng	100
34) Hexachlorobutadiene	8.304	225	354160	38.603	ng	99
35) Caprolactam	8.604	113	185176	44.676	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	612816	40.944	ng	97
37) 2-Methylnaphthalene	8.881	142	1241689	38.964	ng	100
38) 1-Methylnaphthalene	8.981	142	1218817	39.860	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	585654	39.950	ng	99
41) Hexachlorocyclopentadiene	9.034	237	238457	38.977	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	400730	42.317	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	418618	44.643	ng		100
46) 1,1'-Biphenyl	9.345	154	1527684	39.541	ng		100
47) 2-Chloronaphthalene	9.369	162	1161554	40.733	ng		99
48) 2-Nitroaniline	9.457	65	379633	48.579	ng		99
49) Acenaphthylene	9.786	152	1752309	40.985	ng		99
50) Dimethylphthalate	9.639	163	1345931	39.595	ng		100
51) 2,6-Dinitrotoluene	9.704	165	301676	46.487	ng		91
52) Acenaphthene	9.957	154	1206437	41.819	ng		99
53) 3-Nitroaniline	9.869	138	332516	48.006	ng	#	96
54) 2,4-Dinitrophenol	9.975	184	151609	57.060	ng	#	1
55) Dibenzofuran	10.128	168	1695006	40.368	ng		99
56) 4-Nitrophenol	10.016	139	287143	57.194	ng		98
57) 2,4-Dinitrotoluene	10.104	165	398234	49.981	ng		93
58) Fluorene	10.469	166	1272485	40.458	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	356479	43.711	ng		99
60) Diethylphthalate	10.339	149	1340314	39.332	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	615259	39.043	ng		99
62) 4-Nitroaniline	10.480	138	334806	57.675	ng		95
63) Azobenzene	10.622	77	1373599	38.283	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	213658	51.268	ng		94
66) n-Nitrosodiphenylamine	10.581	169	1114485	38.849	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	389763	38.195	ng		97
68) Hexachlorobenzene	11.016	284	427268	39.651	ng		99
69) Atrazine	11.104	200	272033	34.483	ng		98
70) Pentachlorophenol	11.204	266	308128	45.085	ng		99
71) Phenanthrene	11.433	178	1890507	40.455	ng		99
72) Anthracene	11.480	178	1901419	40.598	ng		99
73) Carbazole	11.633	167	1730017	41.829	ng		100
74) Di-n-butylphthalate	11.969	149	1976148	37.694	ng		99
75) Fluoranthene	12.616	202	2021622	42.219	ng		99
77) Benzidine	12.733	184	455419	60.734	ng		100
78) Pyrene	12.845	202	2051898	39.773	ng		100
80) Butylbenzylphthalate	13.463	149	769482	41.053	ng		99
81) Benzo(a)anthracene	14.033	228	1559065	39.619	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	454914	40.293	ng		99
83) Chrysene	14.069	228	1417476	39.076	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	961512	41.198	ng		99
85) Di-n-octyl phthalate	14.633	149	1348427	38.592	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1345046	41.147	ng		98
88) Benzo(b)fluoranthene	15.080	252	1404956	40.178	ng		100
89) Benzo(k)fluoranthene	15.110	252	1085559	36.524	ng		100
90) Benzo(a)pyrene	15.451	252	1102749	39.322	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	1095326	41.050	ng		98
92) Benzo(g,h,i)perylene	17.451	276	1134958	41.520	ng		99

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

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