Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
Data File : BF141603.D
Acq On : 13 Feb 2025 10:07
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Feb 13 10:49:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	101199	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	394924	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	212437	20.000	ng		0.00
64) Phenanthrene-d10	11.310	188	363954	20.000	ng		0.00
76) Chrysene-d12	13.951	240	215290	20.000	ng		-0.01
86) Perylene-d12	15.410	264	184975	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	515337	79.834	ng		0.00
7) Phenol-d6	6.434	99	631631	77.418	ng		0.00
23) Nitrobenzene-d5	7.357	82	587785	77.630	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	165432	77.521	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	1082478	78.504	ng		0.00
79) Terphenyl-d14	12.898	244	1108169	86.896	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	100761	38.784	ng		99
3) Pyridine	3.210	79	252719	40.878	ng		96
4) n-Nitrosodimethylamine	3.163	42	151906	37.108	ng		93
6) Aniline	6.457	93	274626	35.884	ng		85
8) 2-Chlorophenol	6.581	128	274896	39.412	ng		99
9) Benzaldehyde	6.340	77	215197	49.636	ng		100
10) Phenol	6.445	94	330726	38.947	ng		90
11) bis(2-Chloroethyl)ether	6.528	93	256876	40.275	ng		100
12) 1,3-Dichlorobenzene	6.728	146	289509	39.316	ng		99
13) 1,4-Dichlorobenzene	6.804	146	295651	39.297	ng		99
14) 1,2-Dichlorobenzene	6.963	146	276849	39.648	ng		98
15) Benzyl Alcohol	6.934	79	236077	37.733	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	414117	37.929	ng		94
17) 2-Methylphenol	7.051	107	214839	39.360	ng		99
18) Hexachloroethane	7.298	117	109966	39.494	ng		98
19) n-Nitroso-di-n-propyla...	7.204	70	189809	38.894	ng		97
20) 3+4-Methylphenols	7.204	107	266506	38.420	ng		96
22) Acetophenone	7.198	105	382488	38.934	ng	#	96
24) Nitrobenzene	7.375	77	285170	38.624	ng		100
25) Isophorone	7.616	82	478555	39.639	ng		98
26) 2-Nitrophenol	7.692	139	150967	41.098	ng		94
27) 2,4-Dimethylphenol	7.734	122	168146	39.183	ng		98
28) bis(2-Chloroethoxy)met...	7.822	93	313417	40.514	ng		99
29) 2,4-Dichlorophenol	7.939	162	234635	40.468	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	250273	39.638	ng		99
31) Naphthalene	8.092	128	804501	39.135	ng		100
32) Benzoic acid	7.863	122	165787	37.194	ng		97
33) 4-Chloroaniline	8.151	127	274047	38.182	ng		99
34) Hexachlorobutadiene	8.210	225	151095	39.862	ng		99
35) Caprolactam	8.522	113	70626	40.007	ng		94
36) 4-Chloro-3-methylphenol	8.634	107	251825	39.209	ng		100
37) 2-Methylnaphthalene	8.786	142	526906	39.388	ng		99
38) 1-Methylnaphthalene	8.881	142	502619	38.793	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	251858	40.979	ng		99
41) Hexachlorocyclopentadiene	8.934	237	73079	35.749	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	160332	40.363	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	171939	39.939	ng	97
46) 1,1'-Biphenyl	9.251	154	664808	40.365	ng	100
47) 2-Chloronaphthalene	9.275	162	485830	39.891	ng	99
48) 2-Nitroaniline	9.375	65	160269	39.212	ng	96
49) Acenaphthylene	9.686	152	715329	39.489	ng	99
50) Dimethylphthalate	9.551	163	587368	40.728	ng	100
51) 2,6-Dinitrotoluene	9.616	165	126493	40.122	ng	99
52) Acenaphthene	9.863	154	479883	39.404	ng	99
53) 3-Nitroaniline	9.786	138	131277	38.688	ng	99
54) 2,4-Dinitrophenol	9.898	184	69416	37.047	ng	93
55) Dibenzofuran	10.033	168	698378	39.069	ng	98
56) 4-Nitrophenol	9.963	139	90688	36.003	ng	93
57) 2,4-Dinitrotoluene	10.022	165	167167	39.830	ng	99
58) Fluorene	10.375	166	537234	38.870	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	146236	39.455	ng	96
60) Diethylphthalate	10.251	149	568551	40.069	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	268040	40.311	ng	96
62) 4-Nitroaniline	10.398	138	113483	32.936	ng	99
63) Azobenzene	10.528	77	551237	39.078	ng	96
65) 4,6-Dinitro-2-methylph...	10.428	198	99425	39.326	ng	97
66) n-Nitrosodiphenylamine	10.486	169	466206	40.016	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	164484	40.437	ng	99
68) Hexachlorobenzene	10.922	284	168395	40.203	ng	99
69) Atrazine	11.016	200	117022	33.481	ng	99
70) Pentachlorophenol	11.122	266	99261	37.062	ng	99
71) Phenanthrene	11.339	178	787310	39.299	ng	100
72) Anthracene	11.386	178	792280	39.340	ng	100
73) Carbazole	11.545	167	695808	38.398	ng	100
74) Di-n-butylphthalate	11.875	149	842366	40.259	ng	100
75) Fluoranthene	12.522	202	800139	37.671	ng	100
77) Benzidine	12.663	184	81417	17.147	ng	99
78) Pyrene	12.751	202	801756	43.747	ng	100
80) Butylbenzylphthalate	13.369	149	276706	43.590	ng	98
81) Benzo(a)anthracene	13.945	228	564233	39.426	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	138454	33.774	ng	98
83) Chrysene	13.980	228	508042	38.447	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	313602	43.802	ng	100
85) Di-n-octyl phthalate	14.557	149	449081	43.969	ng	98
87) Indeno(1,2,3-cd)pyrene	16.857	276	522306	45.698	ng	99
88) Benzo(b)fluoranthene	14.992	252	454999	36.634	ng	100
89) Benzo(k)fluoranthene	15.021	252	436966	41.201	ng	99
90) Benzo(a)pyrene	15.351	252	400141	39.815	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	426370	46.039	ng	99
92) Benzo(g,h,i)perylene	17.292	276	443471	45.759	ng	99

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

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