Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012125\
Data File : BF141228.D
Acq On : 21 Jan 2025 11:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 21 12:53:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	174201	20.000	ng		-0.02
21) Naphthalene-d8	8.086	136	651170	20.000	ng		-0.02
39) Acenaphthene-d10	9.845	164	329142	20.000	ng		-0.02
64) Phenanthrene-d10	11.327	188	519210	20.000	ng		-0.02
76) Chrysene-d12	13.974	240	364333	20.000	ng		-0.01
86) Perylene-d12	15.433	264	416863	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	858450	76.127	ng		-0.01
7) Phenol-d6	6.434	99	1072379	75.075	ng		-0.01
23) Nitrobenzene-d5	7.369	82	961566	78.276	ng		-0.02
42) 2,4,6-Tribromophenol	10.633	330	302290	80.603	ng		-0.02
45) 2-Fluorobiphenyl	9.163	172	1731592	80.337	ng		-0.02
79) Terphenyl-d14	12.916	244	1682751	68.648	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.504	88	186634	37.166	ng		99
3) Pyridine	3.240	79	447092	36.307	ng		96
4) n-Nitrosodimethylamine	3.193	42	222594	36.969	ng		96
6) Aniline	6.469	93	428291	33.772	ng		95
8) 2-Chlorophenol	6.592	128	463271	38.292	ng		97
9) Benzaldehyde	6.351	77	350168	41.623	ng		99
10) Phenol	6.451	94	566067	37.020	ng		94
11) bis(2-Chloroethyl)ether	6.545	93	438516	38.482	ng		96
12) 1,3-Dichlorobenzene	6.745	146	523702	38.811	ng		99
13) 1,4-Dichlorobenzene	6.822	146	523883	38.528	ng		100
14) 1,2-Dichlorobenzene	6.975	146	491308	38.735	ng		98
15) Benzyl Alcohol	6.945	79	390437	37.849	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	568957	35.780	ng		96
17) 2-Methylphenol	7.057	107	370033	37.884	ng		100
18) Hexachloroethane	7.316	117	193391	39.329	ng		98
19) n-Nitroso-di-n-propyla...	7.222	70	302494	35.950	ng		97
20) 3+4-Methylphenols	7.210	107	457216	37.103	ng	#	86
22) Acetophenone	7.216	105	602925	38.949	ng		97
24) Nitrobenzene	7.387	77	495347	38.691	ng		99
25) Isophorone	7.628	82	803651	38.281	ng		99
26) 2-Nitrophenol	7.704	139	239296	41.089	ng		99
27) 2,4-Dimethylphenol	7.739	122	307263	39.115	ng		99
28) bis(2-Chloroethoxy)met...	7.839	93	511515	38.825	ng		100
29) 2,4-Dichlorophenol	7.945	162	373566	40.041	ng		99
30) 1,2,4-Trichlorobenzene	8.028	180	432551	40.561	ng		100
31) Naphthalene	8.110	128	1350755	39.335	ng		100
32) Benzoic acid	7.851	122	289471	38.414	ng		96
33) 4-Chloroaniline	8.157	127	413601	34.827	ng		100
34) Hexachlorobutadiene	8.228	225	266188	41.425	ng		99
35) Caprolactam	8.528	113	111065	36.361	ng		97
36) 4-Chloro-3-methylphenol	8.639	107	388731	38.098	ng		100
37) 2-Methylnaphthalene	8.798	142	854039	39.028	ng		100
38) 1-Methylnaphthalene	8.898	142	835025	38.719	ng		99
40) 1,2,4,5-Tetrachloroben...	8.963	216	392931	41.593	ng		100
41) Hexachlorocyclopentadiene	8.951	237	142346	46.056	ng		99
43) 2,4,6-Trichlorophenol	9.075	196	262115	41.139	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	269052	39.984	ng	99
46) 1,1'-Biphenyl	9.263	154	1026573	40.161	ng	100
47) 2-Chloronaphthalene	9.292	162	801986	40.283	ng	99
48) 2-Nitroaniline	9.386	65	226635	38.402	ng	98
49) Acenaphthylene	9.704	152	1114711	39.190	ng	99
50) Dimethylphthalate	9.569	163	856372	38.756	ng	100
51) 2,6-Dinitrotoluene	9.628	165	201117	39.139	ng	99
52) Acenaphthene	9.880	154	779350	39.218	ng	99
53) 3-Nitroaniline	9.792	138	192859	36.934	ng	97
54) 2,4-Dinitrophenol	9.898	184	96050	39.326	ng	91
55) Dibenzofuran	10.051	168	1060456	39.232	ng	100
56) 4-Nitrophenol	9.951	139	153080	37.432	ng	98
57) 2,4-Dinitrotoluene	10.028	165	262633	39.660	ng	100
58) Fluorene	10.392	166	817695	38.938	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	218123	38.998	ng	99
60) Diethylphthalate	10.269	149	835017	38.709	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	407293	39.794	ng	99
62) 4-Nitroaniline	10.404	138	191629	37.495	ng	99
63) Azobenzene	10.545	77	801762	37.667	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	134997	44.869	ng	95
66) n-Nitrosodiphenylamine	10.504	169	697534	41.652	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	258718	43.281	ng	99
68) Hexachlorobenzene	10.939	284	282913	42.516	ng	99
69) Atrazine	11.027	200	197858	43.879	ng	99
70) Pentachlorophenol	11.133	266	180696	42.403	ng	99
71) Phenanthrene	11.357	178	1132981	40.645	ng	99
72) Anthracene	11.404	178	1106323	40.818	ng	100
73) Carbazole	11.563	167	993891	39.992	ng	99
74) Di-n-butylphthalate	11.898	149	1187730	41.760	ng	100
75) Fluoranthene	12.545	202	1128453	40.568	ng	99
77) Benzidine	12.663	184	184755	27.345	ng	99
78) Pyrene	12.774	202	1136254	32.652	ng	100
80) Butylbenzylphthalate	13.398	149	460856	39.722	ng	96
81) Benzo(a)anthracene	13.963	228	937659	37.817	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	312028	39.521	ng	99
83) Chrysene	13.998	228	884867	38.140	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	639762	45.957	ng	100
85) Di-n-octyl phthalate	14.580	149	1137277	54.101	ng	98
87) Indeno(1,2,3-cd)pyrene	16.880	276	1169112	38.281	ng	98
88) Benzo(b)fluoranthene	15.010	252	1084768	40.355	ng	100
89) Benzo(k)fluoranthene	15.039	252	854268	37.606	ng	100
90) Benzo(a)pyrene	15.374	252	876407	39.517	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	956840	38.736	ng	98
92) Benzo(g,h,i)perylene	17.321	276	985800	38.368	ng	99

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

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