Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010925\
Data File : BF141100.D
Acq On : 09 Jan 2025 11:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 09 11:40:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	189129	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	729791	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	388875	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	628795	20.000	ng		0.00
76) Chrysene-d12	13.992	240	374061	20.000	ng	#	0.00
86) Perylene-d12	15.451	264	398568	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	922157	73.497	ng		0.00
7) Phenol-d6	6.451	99	1158978	71.705	ng		0.00
23) Nitrobenzene-d5	7.392	82	1065211	93.383	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	338412	89.557	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1890743	77.465	ng		0.00
79) Terphenyl-d14	12.933	244	1904116	84.551	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	201645	35.499	ng		97
3) Pyridine	3.293	79	500049	36.021	ng		98
4) n-Nitrosodimethylamine	3.240	42	244059	34.699	ng		97
6) Aniline	6.492	93	528882	36.689	ng		99
8) 2-Chlorophenol	6.610	128	501254	37.892	ng		100
9) Benzaldehyde	6.381	77	312768	39.474	ng		97
10) Phenol	6.469	94	622635	37.255	ng		97
11) bis(2-Chloroethyl)ether	6.563	93	470837	34.890	ng		98
12) 1,3-Dichlorobenzene	6.769	146	562028	38.498	ng		100
13) 1,4-Dichlorobenzene	6.845	146	562287	38.207	ng		99
14) 1,2-Dichlorobenzene	6.998	146	527909	38.473	ng		100
15) Benzyl Alcohol	6.969	79	432308	37.220	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	688415	33.732	ng		98
17) 2-Methylphenol	7.075	107	402172	36.595	ng		98
18) Hexachloroethane	7.345	117	206775	39.552	ng		97
19) n-Nitroso-di-n-propyla...	7.239	70	343664	34.706	ng		99
20) 3+4-Methylphenols	7.234	107	511288	36.764	ng	#	81
22) Acetophenone	7.239	105	654668	36.568	ng		99
24) Nitrobenzene	7.410	77	560466	43.972	ng		97
25) Isophorone	7.651	82	909510	36.641	ng		99
26) 2-Nitrophenol	7.728	139	260198	49.613	ng		98
27) 2,4-Dimethylphenol	7.757	122	339125	37.383	ng		98
28) bis(2-Chloroethoxy)met...	7.863	93	574773	36.547	ng		99
29) 2,4-Dichlorophenol	7.963	162	409114	39.764	ng		99
30) 1,2,4-Trichlorobenzene	8.051	180	462951	39.755	ng		100
31) Naphthalene	8.133	128	1475383	38.366	ng		99
32) Benzoic acid	7.863	122	337278	45.630	ng		99
33) 4-Chloroaniline	8.181	127	505196	36.314	ng		99
34) Hexachlorobutadiene	8.251	225	278651	40.589	ng		100
35) Caprolactam	8.545	113	132042	37.751	ng		95
36) 4-Chloro-3-methylphenol	8.651	107	446961	39.117	ng		99
37) 2-Methylnaphthalene	8.822	142	945550	38.435	ng		99
38) 1-Methylnaphthalene	8.922	142	926664	38.327	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	429996	40.192	ng		99
41) Hexachlorocyclopentadiene	8.975	237	158369	44.670	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	300460	42.197	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	304296	41.767	ng		99
46) 1,1'-Biphenyl	9.286	154	1159930	38.955	ng		99
47) 2-Chloronaphthalene	9.310	162	898480	38.906	ng		100
48) 2-Nitroaniline	9.404	65	276990	46.057	ng		93
49) Acenaphthylene	9.722	152	1303797	39.219	ng		100
50) Dimethylphthalate	9.586	163	1018029	39.799	ng		100
51) 2,6-Dinitrotoluene	9.645	165	242319	46.571	ng		96
52) Acenaphthene	9.898	154	914126	40.674	ng		100
53) 3-Nitroaniline	9.810	138	247527	43.930	ng	#	95
54) 2,4-Dinitrophenol	9.916	184	116634	63.026	ng	#	1
55) Dibenzofuran	10.069	168	1239124	39.232	ng		100
56) 4-Nitrophenol	9.963	139	190444	43.525	ng		98
57) 2,4-Dinitrotoluene	10.045	165	314831	49.197	ng		95
58) Fluorene	10.410	166	961724	39.267	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	256132	42.449	ng		98
60) Diethylphthalate	10.286	149	1001009	39.640	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	470788	39.948	ng		99
62) 4-Nitroaniline	10.422	138	244871	43.541	ng		94
63) Azobenzene	10.563	77	992705	37.453	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	164837	62.294	ng		90
66) n-Nitrosodiphenylamine	10.522	169	835615	42.201	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	296377	43.602	ng		99
68) Hexachlorobenzene	10.957	284	324048	43.234	ng		99
69) Atrazine	11.045	200	188650	34.104	ng		98
70) Pentachlorophenol	11.151	266	216126	46.314	ng		99
71) Phenanthrene	11.374	178	1332993	40.279	ng		99
72) Anthracene	11.422	178	1311023	40.429	ng		99
73) Carbazole	11.580	167	1202415	38.571	ng		99
74) Di-n-butylphthalate	11.910	149	1413400	39.862	ng		99
75) Fluoranthene	12.563	202	1341498	37.375	ng		97
77) Benzidine	12.680	184	359243	45.443	ng		99
78) Pyrene	12.792	202	1332974	40.746	ng		99
80) Butylbenzylphthalate	13.410	149	473333	39.623	ng		99
81) Benzo(a)anthracene	13.980	228	968207	37.139	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	321372	41.030	ng		99
83) Chrysene	14.015	228	864774	36.797	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	556689	35.926	ng		99
85) Di-n-octyl phthalate	14.592	149	944424	42.111	ng		98
87) Indeno(1,2,3-cd)pyrene	16.909	276	1060066	42.216	ng		96
88) Benzo(b)fluoranthene	15.027	252	955090	34.359	ng		99
89) Benzo(k)fluoranthene	15.057	252	888029	40.760	ng		99
90) Benzo(a)pyrene	15.386	252	824367	38.208	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	867732	42.630	ng		97
92) Benzo(g,h,i)perylene	17.351	276	889592	42.137	ng		97

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

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