Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123024\
Data File : BF141025.D
Acq On : 30 Dec 2024 12:03
Operator : RC/JU
Sample : PB165875BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165875BSD

Quant Time: Dec 30 12:23:59 2024
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	245980	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	976708	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	520630	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	841953	20.000	ng	0.00
76) Chrysene-d12	13.986	240	491451	20.000	ng	0.00
86) Perylene-d12	15.445	264	512529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2281185	139.792	ng	0.02
7) Phenol-d6	6.457	99	2894221	137.678	ng	0.00
23) Nitrobenzene-d5	7.392	82	1786584	117.028	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	835815	165.214	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	3213512	98.340	ng	0.00
79) Terphenyl-d14	12.933	244	3220264	108.838	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	306676	41.511	ng	99
3) Pyridine	3.404	79	812414	44.997	ng	99
4) n-Nitrosodimethylamine	3.346	42	424528	46.407	ng	99
6) Aniline	6.492	93	771981	41.176	ng	99
8) 2-Chlorophenol	6.610	128	860073	49.991	ng	99
9) Benzaldehyde	6.375	77	172806	10.767	ng	98
10) Phenol	6.469	94	1063408	48.922	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	821851	46.826	ng	99
12) 1,3-Dichlorobenzene	6.769	146	883921	46.553	ng	99
13) 1,4-Dichlorobenzene	6.845	146	898996	46.968	ng	100
14) 1,2-Dichlorobenzene	6.998	146	859807	48.179	ng	98
15) Benzyl Alcohol	6.969	79	747949	49.513	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1294276	48.762	ng	100
17) 2-Methylphenol	7.075	107	693108	48.492	ng	99
18) Hexachloroethane	7.339	117	326182	47.972	ng	98
19) n-Nitroso-di-n-propyla...	7.245	70	612897	47.591	ng	99
20) 3+4-Methylphenols	7.228	107	853684	47.197	ng	93
22) Acetophenone	7.239	105	1134969	47.369	ng	99
24) Nitrobenzene	7.410	77	881208	51.658	ng	97
25) Isophorone	7.651	82	1634230	49.194	ng	100
26) 2-Nitrophenol	7.728	139	402118	56.470	ng	98
27) 2,4-Dimethylphenol	7.763	122	699767	57.637	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	997601	47.397	ng	99
29) 2,4-Dichlorophenol	7.963	162	691115	50.191	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	727587	46.685	ng	99
31) Naphthalene	8.133	128	2425900	47.135	ng	100
32) Benzoic acid	7.869	122	531525	52.365	ng	97
33) 4-Chloroaniline	8.175	127	319571	17.164	ng	99
34) Hexachlorobutadiene	8.251	225	433879	47.223	ng	100
35) Caprolactam	8.539	113	224821m	48.027	ng	
36) 4-Chloro-3-methylphenol	8.651	107	737086	48.201	ng	100
37) 2-Methylnaphthalene	8.822	142	1594638	48.432	ng	99
38) 1-Methylnaphthalene	8.922	142	1483212	45.837	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	696335	48.616	ng	99
41) Hexachlorocyclopentadiene	8.975	237	852123	179.525	ng	99
43) 2,4,6-Trichlorophenol	9.098	196	505666	53.045	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	488846	50.118	ng		99
46) 1,1'-Biphenyl	9.286	154	1916595	48.078	ng		100
47) 2-Chloronaphthalene	9.310	162	1459368	47.202	ng		99
48) 2-Nitroaniline	9.404	65	446291	54.483	ng		94
49) Acenaphthylene	9.727	152	2232189	50.153	ng		100
50) Dimethylphthalate	9.586	163	1689206	49.327	ng		100
51) 2,6-Dinitrotoluene	9.645	165	362123	51.558	ng		99
52) Acenaphthene	9.898	154	1595365	53.021	ng		100
53) 3-Nitroaniline	9.810	138	203684	28.259	ng	#	94
54) 2,4-Dinitrophenol	9.922	184	320681	102.159	ng	#	1
55) Dibenzofuran	10.069	168	2065770	48.853	ng		99
56) 4-Nitrophenol	9.969	139	643229	109.805	ng		97
57) 2,4-Dinitrotoluene	10.051	165	481892	55.601	ng		97
58) Fluorene	10.410	166	1532689	46.742	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	428111	52.996	ng		98
60) Diethylphthalate	10.286	149	1632678	48.293	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	752092	47.667	ng		98
62) 4-Nitroaniline	10.427	138	369873	48.695	ng		93
63) Azobenzene	10.563	77	1678903	47.312	ng		99
65) 4,6-Dinitro-2-methylph...	10.457	198	222460	62.712	ng		95
66) n-Nitrosodiphenylamine	10.522	169	1398314	52.741	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	493467	54.217	ng		95
68) Hexachlorobenzene	10.957	284	516688	51.483	ng		98
69) Atrazine	11.051	200	465299	62.820	ng		100
70) Pentachlorophenol	11.151	266	640384	102.486	ng		100
71) Phenanthrene	11.374	178	2260275	51.007	ng		100
72) Anthracene	11.427	178	2297599	52.914	ng		100
73) Carbazole	11.580	167	1983423	47.517	ng		100
74) Di-n-butylphthalate	11.916	149	2343513	49.361	ng		100
75) Fluoranthene	12.563	202	2199170	45.759	ng		99
77) Benzidine	12.680	184	441851	42.542	ng		99
78) Pyrene	12.792	202	2209854	51.414	ng		100
80) Butylbenzylphthalate	13.410	149	790570	50.372	ng		99
81) Benzo(a)anthracene	13.974	228	1663117	48.556	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	289131	28.096	ng		99
83) Chrysene	14.015	228	1450791	46.987	ng		100
84) Bis(2-ethylhexyl)phtha...	13.974	149	965993	47.450	ng		100
85) Di-n-octyl phthalate	14.592	149	1554089	52.743	ng		99
87) Indeno(1,2,3-cd)pyrene	16.903	276	1950592	60.408	ng		98
88) Benzo(b)fluoranthene	15.021	252	1605018	44.901	ng		100
89) Benzo(k)fluoranthene	15.051	252	1365386	48.735	ng		100
90) Benzo(a)pyrene	15.386	252	1466833	52.868	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	1569991	59.981	ng		99
92) Benzo(g,h,i)perylene	17.345	276	1499490	55.233	ng		99

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

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