Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF141009.D
Acq On : 27 Dec 2024 20:51
Operator : RC/JU
Sample : P5343-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ210MS

Quant Time: Dec 27 22:21:47 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	258272	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	1016551	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	507710	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	696963	20.000	ng		0.00
76) Chrysene-d12	13.980	240	503840	20.000	ng		0.00
86) Perylene-d12	15.433	264	417772	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1723011	100.562	ng		0.00
7) Phenol-d6	6.445	99	2214388	100.325	ng		0.00
23) Nitrobenzene-d5	7.387	82	1360844	85.646	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	505052	102.373	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	2210314	69.362	ng		0.00
79) Terphenyl-d14	12.927	244	1699088	56.013	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	355856	45.875	ng		99
3) Pyridine	3.381	79	908839	47.942	ng		100
4) n-Nitrosodimethylamine	3.334	42	477406	49.703	ng		100
6) Aniline	6.487	93	551985	28.041	ng		99
8) 2-Chlorophenol	6.604	128	928456	51.397	ng		100
9) Benzaldehyde	6.369	77	196486	12.525	ng		98
10) Phenol	6.463	94	1176704	51.558	ng		100
11) bis(2-Chloroethyl)ether	6.563	93	878541	47.674	ng		98
12) 1,3-Dichlorobenzene	6.769	146	945872	47.445	ng		98
13) 1,4-Dichlorobenzene	6.845	146	952832	47.411	ng		99
14) 1,2-Dichlorobenzene	6.992	146	920083	49.102	ng		99
15) Benzyl Alcohol	6.963	79	805195	50.765	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1386307	49.744	ng		99
17) 2-Methylphenol	7.075	107	741736	49.425	ng		99
18) Hexachloroethane	7.340	117	350786	49.135	ng		98
19) n-Nitroso-di-n-propyla...	7.240	70	653723	48.345	ng		100
20) 3+4-Methylphenols	7.228	107	924297	48.669	ng	#	89
22) Acetophenone	7.234	105	1205439	48.338	ng		96
24) Nitrobenzene	7.404	77	965143	54.361	ng		98
25) Isophorone	7.645	82	1727458	49.962	ng		99
26) 2-Nitrophenol	7.722	139	451473	60.498	ng		99
27) 2,4-Dimethylphenol	7.757	122	756111	59.837	ng		100
28) bis(2-Chloroethoxy)met...	7.857	93	1074329	49.042	ng		100
29) 2,4-Dichlorophenol	7.963	162	724603	50.560	ng		100
30) 1,2,4-Trichlorobenzene	8.051	180	753804	46.471	ng		99
31) Naphthalene	8.128	128	2547080	47.550	ng		100
32) Benzoic acid	7.869	122	559635	52.884	ng		99
33) 4-Chloroaniline	8.175	127	173355	8.946	ng		98
34) Hexachlorobutadiene	8.245	225	454026	47.479	ng		99
35) Caprolactam	8.545	113	228377	46.875	ng		98
36) 4-Chloro-3-methylphenol	8.651	107	774855	48.684	ng		99
37) 2-Methylnaphthalene	8.816	142	1646034	48.034	ng		100
38) 1-Methylnaphthalene	8.916	142	1537432	45.651	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	725579	51.947	ng		100
41) Hexachlorocyclopentadiene	8.975	237	536028	115.804	ng		98
43) 2,4,6-Trichlorophenol	9.092	196	498991	53.677	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	497681	52.322	ng		97
46) 1,1'-Biphenyl	9.281	154	1978057	50.882	ng		99
47) 2-Chloronaphthalene	9.304	162	1480143	49.092	ng		100
48) 2-Nitroaniline	9.398	65	466123	58.023	ng		96
49) Acenaphthylene	9.722	152	2270129	52.304	ng		100
50) Dimethylphthalate	9.586	163	1734093	51.926	ng		100
51) 2,6-Dinitrotoluene	9.639	165	377983	54.929	ng		99
52) Acenaphthene	9.892	154	1555552	53.014	ng		100
53) 3-Nitroaniline	9.804	138	223648	31.407	ng	#	96
54) 2,4-Dinitrophenol	9.910	184	257182	89.807	ng	#	1
55) Dibenzofuran	10.069	168	1999401	48.486	ng		99
56) 4-Nitrophenol	9.963	139	557215	97.542	ng		95
57) 2,4-Dinitrotoluene	10.045	165	469646	55.570	ng		96
58) Fluorene	10.410	166	1476611	46.178	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	401916	51.020	ng		98
60) Diethylphthalate	10.286	149	1626265	49.327	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	730444	47.473	ng		96
62) 4-Nitroaniline	10.422	138	320813	43.681	ng		93
63) Azobenzene	10.563	77	1843154	53.262	ng		92
65) 4,6-Dinitro-2-methylph...	10.445	198	187191	63.594	ng		98
66) n-Nitrosodiphenylamine	10.516	169	1337629	60.947	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	448602	59.541	ng		97
68) Hexachlorobenzene	10.951	284	453218	54.554	ng		97
69) Atrazine	11.045	200	421923	68.814	ng		99
70) Pentachlorophenol	11.145	266	533433	103.129	ng		99
71) Phenanthrene	11.369	178	2166367	59.058	ng		100
72) Anthracene	11.422	178	2005310	55.790	ng		99
73) Carbazole	11.575	167	1703042	49.287	ng		99
74) Di-n-butylphthalate	11.910	149	2107416	53.623	ng		100
75) Fluoranthene	12.557	202	2234642	56.170	ng		99
77) Benzidine	12.674	184	406148	38.143	ng		99
78) Pyrene	12.786	202	2336681	53.028	ng		100
80) Butylbenzylphthalate	13.410	149	813623	50.566	ng		99
81) Benzo(a)anthracene	13.974	228	1959825	55.812	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	265588	25.174	ng		100
83) Chrysene	14.010	228	1776748	56.129	ng		100
84) Bis(2-ethylhexyl)phtha...	13.969	149	1052611	50.433	ng		100
85) Di-n-octyl phthalate	14.586	149	1858467	61.522	ng		100
87) Indeno(1,2,3-cd)pyrene	16.880	276	1325431	50.357	ng		98
88) Benzo(b)fluoranthene	15.015	252	1729059	59.342	ng		99
89) Benzo(k)fluoranthene	15.039	252	1403670	61.466	ng		100
90) Benzo(a)pyrene	15.374	252	1398277	61.828	ng		99
91) Dibenzo(a,h)anthracene	16.898	278	1030067	48.279	ng		100
92) Benzo(g,h,i)perylene	17.315	276	996351	45.025	ng		100

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

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