Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF141010.D
Acq On : 27 Dec 2024 21:17
Operator : RC/JU
Sample : P5343-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ210MSD

Quant Time: Dec 27 22:22:09 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	244402	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	947790	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	470653	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	634268	20.000	ng		0.00
76) Chrysene-d12	13.986	240	466583	20.000	ng		0.00
86) Perylene-d12	15.433	264	379375	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1717076	105.903	ng		0.00
7) Phenol-d6	6.445	99	2215670	106.080	ng		0.00
23) Nitrobenzene-d5	7.387	82	1358509	91.702	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	481486	105.280	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	2151269	72.824	ng		0.00
79) Terphenyl-d14	12.927	244	1661845	59.160	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	352994	48.089	ng		99
3) Pyridine	3.381	79	901244	50.239	ng		99
4) n-Nitrosodimethylamine	3.328	42	466622	51.338	ng		100
6) Aniline	6.487	93	552803	29.676	ng		99
8) 2-Chlorophenol	6.604	128	917088	53.649	ng		100
9) Benzaldehyde	6.369	77	192953	13.392	ng		99
10) Phenol	6.463	94	1161728	53.790	ng		100
11) bis(2-Chloroethyl)ether	6.563	93	871334	49.966	ng		98
12) 1,3-Dichlorobenzene	6.769	146	933995	49.508	ng		99
13) 1,4-Dichlorobenzene	6.845	146	950448	49.976	ng		99
14) 1,2-Dichlorobenzene	6.992	146	910449	51.346	ng		99
15) Benzyl Alcohol	6.963	79	796995	53.100	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1377264	52.224	ng		100
17) 2-Methylphenol	7.075	107	735554	51.794	ng		100
18) Hexachloroethane	7.339	117	348310	51.557	ng		98
19) n-Nitroso-di-n-propyla...	7.239	70	648308	50.665	ng		99
20) 3+4-Methylphenols	7.228	107	910105	50.641	ng	#	89
22) Acetophenone	7.234	105	1191049	51.226	ng		97
24) Nitrobenzene	7.404	77	946113	57.155	ng		98
25) Isophorone	7.645	82	1712669	53.128	ng		99
26) 2-Nitrophenol	7.722	139	454421	64.889	ng		99
27) 2,4-Dimethylphenol	7.757	122	744356	63.180	ng		100
28) bis(2-Chloroethoxy)met...	7.857	93	1048948	51.357	ng		99
29) 2,4-Dichlorophenol	7.963	162	708461	53.021	ng		100
30) 1,2,4-Trichlorobenzene	8.051	180	748623	49.500	ng		100
31) Naphthalene	8.128	128	2515301	50.364	ng		100
32) Benzoic acid	7.863	122	556997	55.934	ng		96
33) 4-Chloroaniline	8.175	127	173458	9.600	ng		99
34) Hexachlorobutadiene	8.251	225	446981	50.133	ng		99
35) Caprolactam	8.545	113	224349	49.389	ng		99
36) 4-Chloro-3-methylphenol	8.651	107	758524	51.116	ng		99
37) 2-Methylnaphthalene	8.816	142	1619323	50.683	ng		99
38) 1-Methylnaphthalene	8.916	142	1501869	47.830	ng		98
40) 1,2,4,5-Tetrachloroben...	8.981	216	711189	54.926	ng		99
41) Hexachlorocyclopentadiene	8.975	237	484969	113.023	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	489073	56.752	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	482152	54.681	ng		98
46) 1,1'-Biphenyl	9.281	154	1925737	53.437	ng		99
47) 2-Chloronaphthalene	9.304	162	1447674	51.796	ng		100
48) 2-Nitroaniline	9.398	65	453950	60.722	ng		96
49) Acenaphthylene	9.722	152	2216087	55.079	ng		100
50) Dimethylphthalate	9.586	163	1697243	54.824	ng		100
51) 2,6-Dinitrotoluene	9.639	165	361618	56.571	ng		99
52) Acenaphthene	9.892	154	1513842	55.655	ng		99
53) 3-Nitroaniline	9.804	138	211497	31.974	ng	#	96
54) 2,4-Dinitrophenol	9.910	184	240023	90.210	ng	#	1
55) Dibenzofuran	10.063	168	1950405	51.022	ng		100
56) 4-Nitrophenol	9.963	139	536898	101.386	ng		95
57) 2,4-Dinitrotoluene	10.045	165	457659	58.185	ng		94
58) Fluorene	10.410	166	1429042	48.209	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	379427	51.957	ng		99
60) Diethylphthalate	10.286	149	1585267	51.869	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	707519	49.604	ng		97
62) 4-Nitroaniline	10.422	138	298741	43.864	ng		93
63) Azobenzene	10.563	77	1778277	55.434	ng		92
65) 4,6-Dinitro-2-methylph...	10.445	198	168696	63.066	ng		100
66) n-Nitrosodiphenylamine	10.516	169	1278233	63.998	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	430720	62.819	ng		97
68) Hexachlorobenzene	10.951	284	433475	57.335	ng		98
69) Atrazine	11.045	200	405050	72.592	ng		98
70) Pentachlorophenol	11.145	266	510819	108.519	ng		99
71) Phenanthrene	11.369	178	2065974	61.889	ng		100
72) Anthracene	11.422	178	1903959	58.207	ng		99
73) Carbazole	11.574	167	1598994	50.850	ng		99
74) Di-n-butylphthalate	11.910	149	2026128	56.650	ng		100
75) Fluoranthene	12.557	202	2179507	60.199	ng		99
77) Benzidine	12.674	184	425214	43.122	ng		99
78) Pyrene	12.786	202	2262545	55.446	ng		100
80) Butylbenzylphthalate	13.410	149	782026	52.483	ng		100
81) Benzo(a)anthracene	13.974	228	1917148	58.956	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	292628	29.952	ng		99
83) Chrysene	14.010	228	1749338	59.676	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	1054120	54.538	ng		100
85) Di-n-octyl phthalate	14.586	149	1830651	65.440	ng		99
87) Indeno(1,2,3-cd)pyrene	16.886	276	1277978	53.469	ng		98
88) Benzo(b)fluoranthene	15.015	252	1771281	66.944	ng		99
89) Benzo(k)fluoranthene	15.045	252	1222563	58.953	ng		99
90) Benzo(a)pyrene	15.374	252	1354991	65.978	ng		99
91) Dibenzo(a,h)anthracene	16.904	278	983815	50.778	ng		100
92) Benzo(g,h,i)perylene	17.321	276	964009	47.972	ng		99

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

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