Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF141017.D
Acq On : 28 Dec 2024 00:21
Operator : RC/JU
Sample : P5387-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-122624MSD

Quant Time: Dec 28 01:32:21 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	212429	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	718907	20.000	ng	#	0.00
39) Acenaphthene-d10	9.869	164	344499	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	546946	20.000	ng		0.00
76) Chrysene-d12	13.986	240	323787	20.000	ng		0.00
86) Perylene-d12	15.445	264	295704	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1303461	92.492	ng		0.00
7) Phenol-d6	6.451	99	1621368	89.310	ng		0.00
23) Nitrobenzene-d5	7.387	82	934017	83.121	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	338204	101.031	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1439247	66.562	ng		0.00
79) Terphenyl-d14	12.933	244	1331449	68.302	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	269014	42.164	ng		99
3) Pyridine	3.334	79	709188	45.484	ng		99
4) n-Nitrosodimethylamine	3.281	42	377403	47.771	ng		99
6) Aniline	6.487	93	564313	34.853	ng		99
8) 2-Chlorophenol	6.610	128	730463	49.163	ng		98
9) Benzaldehyde	6.375	77	167270	13.329	ng	#	87
10) Phenol	6.463	94	947146	50.455	ng		100
11) bis(2-Chloroethyl)ether	6.563	93	705448	46.542	ng		98
12) 1,3-Dichlorobenzene	6.769	146	742974	45.310	ng		99
13) 1,4-Dichlorobenzene	6.845	146	744396	45.033	ng		99
14) 1,2-Dichlorobenzene	6.998	146	706303	45.828	ng		99
15) Benzyl Alcohol	6.969	79	620577	47.569	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1050032	45.808	ng		91
17) 2-Methylphenol	7.075	107	581453	47.105	ng		98
18) Hexachloroethane	7.345	117	301634	51.368	ng		100
19) n-Nitroso-di-n-propyla...	7.240	70	529109	47.573	ng		99
20) 3+4-Methylphenols	7.228	107	710240	45.468	ng		94
22) Acetophenone	7.240	105	1099458	62.342	ng	#	97
24) Nitrobenzene	7.410	77	717803	57.168	ng		96
25) Isophorone	7.651	82	1337199	54.687	ng	#	96
26) 2-Nitrophenol	7.728	139	292731	55.908	ng	#	93
27) 2,4-Dimethylphenol	7.763	122	546471	61.151	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	777909	50.213	ng		95
29) 2,4-Dichlorophenol	7.963	162	512347	50.551	ng		98
30) 1,2,4-Trichlorobenzene	8.051	180	539703	47.047	ng		100
31) Naphthalene	8.134	128	2023154	53.407	ng		99
32) Benzoic acid	7.857	122	361993	49.027	ng	#	82
33) 4-Chloroaniline	8.181	127	334702	24.423	ng		98
34) Hexachlorobutadiene	8.251	225	335694	49.639	ng		99
35) Caprolactam	8.534	113	214691	62.310	ng	#	48
36) 4-Chloro-3-methylphenol	8.651	107	518509	46.066	ng		99
37) 2-Methylnaphthalene	8.822	142	1291455	53.290	ng		99
38) 1-Methylnaphthalene	8.922	142	1132221	47.538	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	485729	51.250	ng		98
41) Hexachlorocyclopentadiene	8.975	237	72610	23.119	ng		98
43) 2,4,6-Trichlorophenol	9.098	196	330397	52.379	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	307666	47.670	ng	#	88
46) 1,1'-Biphenyl	9.286	154	1351796	51.247	ng		100
47) 2-Chloronaphthalene	9.310	162	965170	47.178	ng		99
48) 2-Nitroaniline	9.404	65	335126	61.203	ng		95
49) Acenaphthylene	9.728	152	1472233	49.990	ng		99
50) Dimethylphthalate	9.586	163	1100993	48.587	ng		99
51) 2,6-Dinitrotoluene	9.645	165	219995	47.636	ng		99
52) Acenaphthene	9.898	154	926649	46.542	ng		99
53) 3-Nitroaniline	9.810	138	219175	43.911	ng		96
54) 2,4-Dinitrophenol	9.916	184	20986	21.203	ng	#	39
55) Dibenzofuran	10.069	168	1342935	47.996	ng		99
56) 4-Nitrophenol	9.963	139	411579	106.182	ng		96
57) 2,4-Dinitrotoluene	10.045	165	280081	49.385	ng	#	97
58) Fluorene	10.416	166	1021197	47.066	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	262577	49.123	ng	#	84
60) Diethylphthalate	10.286	149	1067243	47.707	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	488852	46.824	ng		98
62) 4-Nitroaniline	10.422	138	237871	47.422	ng		96
63) Azobenzene	10.569	77	1165078	49.618	ng		92
65) 4,6-Dinitro-2-methylph...	10.451	198	17917	15.960	ng	#	1
66) n-Nitrosodiphenylamine	10.522	169	929110	53.945	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	315404	53.345	ng		99
68) Hexachlorobenzene	10.963	284	322161	49.415	ng		99
69) Atrazine	11.051	200	322193	66.961	ng		98
70) Pentachlorophenol	11.151	266	394435	97.173	ng		99
71) Phenanthrene	11.375	178	1601133	55.621	ng		99
72) Anthracene	11.428	178	1542658	54.691	ng		100
73) Carbazole	11.580	167	1372377	50.612	ng		99
74) Di-n-butylphthalate	11.916	149	1663865	53.949	ng		100
75) Fluoranthene	12.563	202	1567974	50.222	ng		99
77) Benzidine	12.680	184	463745	67.770	ng		97
78) Pyrene	12.792	202	1554708	54.902	ng		100
80) Butylbenzylphthalate	13.410	149	605751	58.582	ng		97
81) Benzo(a)anthracene	13.974	228	1148763	50.907	ng		100
82) 3,3'-Dichlorobenzidine	13.939	252	285585	42.122	ng		100
83) Chrysene	14.016	228	980401	48.195	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	771495	57.519	ng		99
85) Di-n-octyl phthalate	14.592	149	1165058	60.014	ng		99
87) Indeno(1,2,3-cd)pyrene	16.898	276	830504	44.579	ng		96
88) Benzo(b)fluoranthene	15.021	252	1042725	50.560	ng		98
89) Benzo(k)fluoranthene	15.051	252	773805	47.872	ng		99
90) Benzo(a)pyrene	15.386	252	840201	52.488	ng		98
91) Dibenzo(a,h)anthracene	16.921	278	670482	44.398	ng		100
92) Benzo(g,h,i)perylene	17.339	276	574060	36.650	ng		99

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

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