Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
Data File : BF140210.D
Acq On : 01 Nov 2024 14:53
Operator : RC/JU
Sample : P4663-08MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RES-BUILDING-PAD-NO-2MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 01 15:22:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	103190	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	410116	20.000	ng		-0.01
39) Acenaphthene-d10	9.927	164	235405	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	418261	20.000	ng		0.00
76) Chrysene-d12	14.074	240	199568	20.000	ng		0.02
86) Perylene-d12	15.568	264	218473	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	719985	109.228	ng		0.01
7) Phenol-d6	6.510	99	944685	110.656	ng		0.00
23) Nitrobenzene-d5	7.445	82	639376	86.406	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	263991	119.892	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1149538	80.705	ng		0.00
79) Terphenyl-d14	13.010	244	1161598	94.845	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.751	88	130135	42.344	ng		100
3) Pyridine	3.498	79	326485	42.858	ng		96
4) n-Nitrosodimethylamine	3.457	42	202155	49.392	ng	#	93
6) Aniline	6.545	93	340681	42.818	ng		97
8) 2-Chlorophenol	6.669	128	364924	54.155	ng		99
9) Benzaldehyde	6.434	77	62888	13.095	ng		98
10) Phenol	6.528	94	468692m	53.252	ng		
11) bis(2-Chloroethyl)ether	6.622	93	359602	52.861	ng		99
12) 1,3-Dichlorobenzene	6.828	146	389641	50.372	ng		100
13) 1,4-Dichlorobenzene	6.904	146	390095	50.478	ng		99
14) 1,2-Dichlorobenzene	7.051	146	376768	52.237	ng		100
15) Benzyl Alcohol	7.022	79	350314	55.940	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	640758	55.239	ng		99
17) 2-Methylphenol	7.134	107	309878	53.930	ng		97
18) Hexachloroethane	7.398	117	145267	52.712	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	272567	52.642	ng		98
20) 3+4-Methylphenols	7.286	107	378702	51.527	ng	#	78
22) Acetophenone	7.292	105	508774	50.649	ng		96
24) Nitrobenzene	7.463	77	422112	52.029	ng		98
25) Isophorone	7.704	82	759137	54.052	ng		99
26) 2-Nitrophenol	7.781	139	196295	64.135	ng		99
27) 2,4-Dimethylphenol	7.816	122	304549	59.675	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	446725	52.499	ng		99
29) 2,4-Dichlorophenol	8.022	162	310070	53.341	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	322741	50.176	ng		98
31) Naphthalene	8.186	128	1080096	51.065	ng		100
32) Benzoic acid	7.934	122	228012	51.225	ng		99
33) 4-Chloroaniline	8.233	127	162045	22.468	ng		100
34) Hexachlorobutadiene	8.304	225	207187	51.266	ng		100
35) Caprolactam	8.610	113	98252m	53.157	ng		
36) 4-Chloro-3-methylphenol	8.716	107	355329	55.204	ng		100
37) 2-Methylnaphthalene	8.880	142	689267	53.209	ng		99
38) 1-Methylnaphthalene	8.980	142	643338	50.620	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	331042	52.126	ng		99
41) Hexachlorocyclopentadiene	9.033	237	367664	166.379	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	243379	54.128	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	242814	52.342	ng		98
46) 1,1'-Biphenyl	9.345	154	838242	51.151	ng		99
47) 2-Chloronaphthalene	9.369	162	660337	50.030	ng		98
48) 2-Nitroaniline	9.469	65	248096	61.459	ng		97
49) Acenaphthylene	9.792	152	1045948	54.815	ng		99
50) Dimethylphthalate	9.651	163	801824	54.684	ng		99
51) 2,6-Dinitrotoluene	9.710	165	178745	56.301	ng		97
52) Acenaphthene	9.963	154	726773	58.878	ng		99
53) 3-Nitroaniline	9.880	138	119203	36.409	ng		99
54) 2,4-Dinitrophenol	9.992	184	178200	130.600	ng	#	1
55) Dibenzofuran	10.133	168	919611	51.925	ng		99
56) 4-Nitrophenol	10.045	139	285108	113.189	ng		93
57) 2,4-Dinitrotoluene	10.122	165	242431	62.095	ng		95
58) Fluorene	10.480	166	718120	53.237	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	198605	54.612	ng		99
60) Diethylphthalate	10.357	149	789983	54.872	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	359820	52.821	ng		98
62) 4-Nitroaniline	10.504	138	175527	56.765	ng		96
63) Azobenzene	10.633	77	941124	61.661	ng		96
65) 4,6-Dinitro-2-methylph...	10.527	198	125776	73.723	ng		98
66) n-Nitrosodiphenylamine	10.592	169	665221	53.139	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	229535	53.270	ng		99
68) Hexachlorobenzene	11.027	284	246586	50.884	ng		96
69) Atrazine	11.122	200	213598	62.988	ng		100
70) Pentachlorophenol	11.227	266	302344	102.800	ng		99
71) Phenanthrene	11.445	178	1041649	52.723	ng		100
72) Anthracene	11.498	178	1056998	54.834	ng		100
73) Carbazole	11.651	167	921781	51.417	ng		99
74) Di-n-butylphthalate	11.980	149	1186133	57.267	ng		99
75) Fluoranthene	12.639	202	1032334	51.687	ng		99
77) Benzidine	12.763	184	336803	102.635	ng		99
78) Pyrene	12.868	202	1012412	57.955	ng		100
80) Butylbenzylphthalate	13.492	149	430637	82.227	ng		100
81) Benzo(a)anthracene	14.063	228	706811	54.407	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	177573	46.880	ng		100
83) Chrysene	14.098	228	662888	55.652	ng		100
84) Bis(2-ethylhexyl)phtha...	14.051	149	533105	90.728	ng		99
85) Di-n-octyl phthalate	14.668	149	758803	70.999	ng		100
87) Indeno(1,2,3-cd)pyrene	17.098	276	741236	52.739	ng		98
88) Benzo(b)fluoranthene	15.127	252	689931	51.842	ng		99
89) Benzo(k)fluoranthene	15.162	252	598776	52.170	ng		99
90) Benzo(a)pyrene	15.504	252	631809	57.696	ng		100
91) Dibenzo(a,h)anthracene	17.121	278	609721	52.002	ng		98
92) Benzo(g,h,i)perylene	17.562	276	533692	45.569	ng		98

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

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