Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
Data File : BF140706.D
Acq On : 03 Dec 2024 13:14
Operator : RC/JU
Sample : PB165316BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 03 13:38:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165316BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
Supervised By :mohammad ahmed 12/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	73730	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	273673	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	156191	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	297262	20.000	ng		0.00
76) Chrysene-d12	14.051	240	174549	20.000	ng		0.00
86) Perylene-d12	15.551	264	145986	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	586040	135.617	ng		0.01
7) Phenol-d6	6.516	99	747066	130.770	ng		0.00
23) Nitrobenzene-d5	7.434	82	490670	91.708	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	240128	143.748	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	988606	94.305	ng		0.00
79) Terphenyl-d14	12.986	244	1136478	101.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	76079	41.874	ng		99
3) Pyridine	3.487	79	182316	45.607	ng		99
4) n-Nitrosodimethylamine	3.434	42	102873	43.785	ng		92
6) Aniline	6.534	93	194198	48.296	ng	#	85
8) 2-Chlorophenol	6.663	128	231412	49.776	ng		94
9) Benzaldehyde	6.422	77	85286	28.200	ng		98
10) Phenol	6.528	94	282375	48.400	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	213704	47.867	ng		99
12) 1,3-Dichlorobenzene	6.810	146	241009	46.136	ng		99
13) 1,4-Dichlorobenzene	6.887	146	242331	45.815	ng		99
14) 1,2-Dichlorobenzene	7.040	146	233095	47.030	ng		100
15) Benzyl Alcohol	7.016	79	210535	49.694	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	261672	49.612	ng		89
17) 2-Methylphenol	7.128	107	176858	47.523	ng		99
18) Hexachloroethane	7.375	117	92673	46.911	ng		95
19) n-Nitroso-di-n-propyla...	7.281	70	162702	48.190	ng		98
20) 3+4-Methylphenols	7.281	107	235212	49.172	ng		95
22) Acetophenone	7.281	105	317164	47.536	ng		98
24) Nitrobenzene	7.451	77	249605	45.138	ng		98
25) Isophorone	7.692	82	440013	49.307	ng		100
26) 2-Nitrophenol	7.769	139	120169	49.038	ng		97
27) 2,4-Dimethylphenol	7.804	122	182650m	62.295	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	268042	49.304	ng		100
29) 2,4-Dichlorophenol	8.016	162	192270	49.488	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	203893	45.964	ng		100
31) Naphthalene	8.175	128	665507	47.211	ng		99
32) Benzoic acid	7.939	122	81441	34.328	ng		97
33) 4-Chloroaniline	8.228	127	98725	23.391	ng		98
34) Hexachlorobutadiene	8.286	225	138356	47.089	ng		99
35) Caprolactam	8.598	113	57543m	47.859	ng		
36) 4-Chloro-3-methylphenol	8.716	107	214295	49.264	ng		99
37) 2-Methylnaphthalene	8.863	142	444414	49.636	ng		100
38) 1-Methylnaphthalene	8.963	142	414924	47.278	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	217334	47.531	ng		99
41) Hexachlorocyclopentadiene	9.010	237	179432	165.959	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	135610	47.264	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	146482	47.041	ng	98
46) 1,1'-Biphenyl	9.328	154	558314	47.877	ng	100
47) 2-Chloronaphthalene	9.351	162	418368	47.348	ng	99
48) 2-Nitroaniline	9.457	65	133294	46.997	ng	96
49) Acenaphthylene	9.769	152	685473	51.344	ng	100
50) Dimethylphthalate	9.628	163	521849	50.731	ng	100
51) 2,6-Dinitrotoluene	9.698	165	109495	46.934	ng	94
52) Acenaphthene	9.939	154	418046	49.281	ng	100
53) 3-Nitroaniline	9.869	138	65798	28.837	ng	96
54) 2,4-Dinitrophenol	9.986	184	88407	73.837	ng	95
55) Dibenzofuran	10.116	168	628619	48.583	ng	99
56) 4-Nitrophenol	10.045	139	138133	88.766	ng	96
57) 2,4-Dinitrotoluene	10.104	165	149509	48.220	ng	98
58) Fluorene	10.457	166	509185	49.026	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	126001	52.651	ng	92
60) Diethylphthalate	10.328	149	529207	50.635	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	258463	50.709	ng	98
62) 4-Nitroaniline	10.486	138	110744	46.276	ng	96
63) Azobenzene	10.610	77	495055	50.018	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	73839	48.610	ng	99
66) n-Nitrosodiphenylamine	10.569	169	442028	50.283	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	153537	50.153	ng	98
68) Hexachlorobenzene	11.010	284	172872	48.769	ng	99
69) Atrazine	11.098	200	148558	60.071	ng	98
70) Pentachlorophenol	11.210	266	124023	79.496	ng	99
71) Phenanthrene	11.427	178	721551	50.497	ng	99
72) Anthracene	11.475	178	739843	52.931	ng	100
73) Carbazole	11.633	167	666816	49.591	ng	99
74) Di-n-butylphthalate	11.951	149	844129	54.376	ng	100
75) Fluoranthene	12.616	202	783340	50.492	ng	100
77) Benzidine	12.739	184	192525	37.937	ng	99
78) Pyrene	12.845	202	800967	49.629	ng	99
80) Butylbenzylphthalate	13.457	149	327653	56.356	ng	99
81) Benzo(a)anthracene	14.039	228	580474	50.238	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	102027	29.410	ng	100
83) Chrysene	14.080	228	534104	50.553	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	455249	62.011	ng	100
85) Di-n-octyl phthalate	14.639	149	634381	63.230	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	537680	56.516	ng	99
88) Benzo(b)fluoranthene	15.110	252	468165	51.056	ng	100
89) Benzo(k)fluoranthene	15.139	252	382967	47.727	ng	99
90) Benzo(a)pyrene	15.486	252	402840	54.032	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	441856	56.711	ng	99
92) Benzo(g,h,i)perylene	17.521	276	406506	51.129	ng	99

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

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