Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
Data File : BF132288.D
Acq On : 02 Feb 2023 12:50
Operator : CG\JU
Sample : 01358-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 03 00:20:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 01:30:34 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
JPP-11-012723MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

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02/03/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	193759	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	734624	20.000	ng	0.00
39) Acenaphthene-d10	10.124	164	361825	20.000	ng	0.00
64) Phenanthrene-d10	11.618	188	614781	20.000	ng	0.00
76) Chrysene-d12	14.283	240	300689	20.000	ng	0.00
86) Perylene-d12	15.871	264	362353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.713	112	1316384	109.205	ng	0.03
7) Phenol-d6	6.689	99	1535646	103.333	ng	0.00
23) Nitrobenzene-d5	7.636	82	1069722	81.031	ng	0.00
42) 2,4,6-Tribromophenol	10.919	330	512530	137.745	ng	0.00
45) 2-Fluorobiphenyl	9.436	172	1847910	78.868	ng	0.00
79) Terphenyl-d14	13.213	244	1672319	107.584	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.213	88	207954m	36.664	ng	
3) Pyridine	3.884	79	490373	31.869	ng	98
4) n-Nitrosodimethylamine	3.825	42	184939	37.561	ng	99
6) Aniline	6.731	93	226712m	11.242	ng	
8) 2-Chlorophenol	6.854	128	580282	46.480	ng	97
9) Benzaldehyde	6.625	77	266056	29.333	ng	97
10) Phenol	6.701	94	560381	36.431	ng	99
11) bis(2-Chloroethyl)ether	6.801	93	555452	43.877	ng	96
12) 1,3-Dichlorobenzene	7.013	146	557535	42.224	ng	98
13) 1,4-Dichlorobenzene	7.089	146	557656	42.309	ng	98
14) 1,2-Dichlorobenzene	7.242	146	541516	44.054	ng	97
15) Benzyl Alcohol	7.207	79	453583	41.829	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.336	45	536924	40.256	ng	96
17) 2-Methylphenol	7.307	107	443948	40.623	ng	100
18) Hexachloroethane	7.583	117	207868	42.040	ng	99
19) n-Nitroso-di-n-propyla...	7.478	70	322554	38.211	ng	96
20) 3+4-Methylphenols	7.460	107	542566	38.898	ng	96
22) Acetophenone	7.478	105	727815	42.128	ng	98
24) Nitrobenzene	7.654	77	541153	40.125	ng	97
25) Isophorone	7.889	82	1023639	40.853	ng	96
26) 2-Nitrophenol	7.966	139	313179	47.673	ng	96
27) 2,4-Dimethylphenol	7.995	122	501025	43.573	ng	99
28) bis(2-Chloroethoxy)met...	8.095	93	648479	42.115	ng	99
29) 2,4-Dichlorophenol	8.207	162	457311	44.796	ng	99
30) 1,2,4-Trichlorobenzene	8.295	180	482917	44.174	ng	98
31) Naphthalene	8.378	128	1487309	41.131	ng	99
32) Benzoic acid	8.089	122	256408	30.125	ng	95
33) 4-Chloroaniline	8.419	127	54505	3.399	ng	97
34) Hexachlorobutadiene	8.489	225	277316	45.123	ng	100
35) Caprolactam	8.795	113	124765m	35.849	ng	
36) 4-Chloro-3-methylphenol	8.895	107	479210	43.572	ng	99
37) 2-Methylnaphthalene	9.072	142	1008139	41.159	ng	100
38) 1-Methylnaphthalene	9.172	142	940119	41.302	ng	99
40) 1,2,4,5-Tetrachloroben...	9.236	216	463846	45.555	ng	99
41) Hexachlorocyclopentadiene	9.225	237	583711	98.258	ng	100
43) 2,4,6-Trichlorophenol	9.348	196	333354	45.800	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.383	196	355977	42.492	ng		98
46) 1,1'-Biphenyl	9.536	154	1210670	43.401	ng		98
47) 2-Chloronaphthalene	9.566	162	938149	44.157	ng		99
48) 2-Nitroaniline	9.654	65	248025	39.253	ng		91
49) Acenaphthylene	9.983	152	1474233	42.516	ng		99
50) Dimethylphthalate	9.836	163	1105226	43.668	ng		99
51) 2,6-Dinitrotoluene	9.895	165	255789	45.251	ng		96
52) Acenaphthene	10.160	154	960043	44.224	ng		100
53) 3-Nitroaniline	10.066	138	101531	14.811	ng		93
54) 2,4-Dinitrophenol	10.172	184	180568	56.454	ng		96
55) Dibenzofuran	10.330	168	1283047	42.065	ng		100
56) 4-Nitrophenol	10.219	139	360340	69.855	ng		92
57) 2,4-Dinitrotoluene	10.307	165	329576	44.884	ng	#	86
58) Fluorene	10.677	166	981360	41.806	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.442	232	273848	44.839	ng		99
60) Diethylphthalate	10.536	149	1103679	43.834	ng		99
61) 4-Chlorophenyl-phenyle...	10.660	204	489532	43.943	ng		97
62) 4-Nitroaniline	10.689	138	234958	35.743	ng		97
63) Azobenzene	10.824	77	962260	39.235	ng		96
65) 4,6-Dinitro-2-methylph...	10.713	198	142654	40.884	ng		98
66) n-Nitrosodiphenylamine	10.783	169	874382	45.420	ng		100
67) 4-Bromophenyl-phenylether	11.154	248	308468	49.000	ng		94
68) Hexachlorobenzene	11.224	284	346266	51.461	ng		96
69) Atrazine	11.307	200	284338	51.350	ng		99
70) Pentachlorophenol	11.419	266	335334	72.533	ng		99
71) Phenanthrene	11.648	178	1395052	43.425	ng		99
72) Anthracene	11.701	178	1403593	42.931	ng		100
73) Carbazole	11.848	167	1195540	40.782	ng		100
74) Di-n-butylphthalate	12.171	149	1553549	44.826	ng		99
75) Fluoranthene	12.842	202	1235734	37.694	ng		99
77) Benzidine	12.954	184	153161	14.570	ng		98
78) Pyrene	13.077	202	1222548	50.551	ng		100
80) Butylbenzylphthalate	13.683	149	547340	51.225	ng		99
81) Benzo(a)anthracene	14.271	228	954178	45.371	ng		99
82) 3,3'-Dichlorobenzidine	14.224	252	114332	17.069	ng		99
83) Chrysene	14.312	228	891951	45.294	ng		100
84) Bis(2-ethylhexyl)phtha...	14.242	149	781283	54.095	ng		100
85) Di-n-octyl phthalate	14.877	149	1328114	56.379	ng		97
87) Indeno(1,2,3-cd)pyrene	17.524	276	1159260	48.148	ng		97
88) Benzo(b)fluoranthene	15.395	252	1020423	44.303	ng		98
89) Benzo(k)fluoranthene	15.430	252	995497	45.280	ng		99
90) Benzo(a)pyrene	15.801	252	913981	42.614	ng		99
91) Dibenzo(a,h)anthracene	17.548	278	947744	48.960	ng		99
92) Benzo(g,h,i)perylene	18.030	276	909586	45.483	ng		96

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

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