Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133076.D
Acq On : 26 Apr 2023 21:03
Operator : CG\JU
Sample : 02427-13MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 27 02:01:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 01:56:03 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/27/2023
Supervised By :Jagrut Upadhyay 04/27/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.734	152	174942	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	718539	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	373765	20.000	ng		0.00
64) Phenanthrene-d10	11.257	188	671301	20.000	ng	#	0.00
76) Chrysene-d12	13.892	240	371317	20.000	ng		0.00
86) Perylene-d12	15.304	264	385680	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1235448	106.680	ng		0.01
7) Phenol-d6	6.381	99	1538585	107.037	ng		0.00
23) Nitrobenzene-d5	7.304	82	876035	65.808	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	409420	108.920	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1440539	64.480	ng		0.00
79) Terphenyl-d14	12.839	244	1525515	70.856	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	242465	45.138	ng		97
3) Pyridine	3.157	79	606566	42.515	ng		96
4) n-Nitrosodimethylamine	3.116	42	320231	43.334	ng		93
6) Aniline	6.398	93	703970	38.024	ng	#	84
8) 2-Chlorophenol	6.522	128	591337	50.291	ng		95
9) Benzaldehyde	6.281	77	350705	65.259	ng		99
10) Phenol	6.392	94	711540	44.871	ng		76
11) bis(2-Chloroethyl)ether	6.475	93	558613	46.944	ng		97
12) 1,3-Dichlorobenzene	6.675	146	627779	50.217	ng		100
13) 1,4-Dichlorobenzene	6.751	146	626729	50.022	ng		99
14) 1,2-Dichlorobenzene	6.904	146	605940	52.458	ng		97
15) Benzyl Alcohol	6.881	79	486190	48.965	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	919401	44.484	ng		97
17) 2-Methylphenol	6.998	107	485661	45.107	ng		98
18) Hexachloroethane	7.251	117	218970	50.269	ng		98
19) n-Nitroso-di-n-propyla...	7.157	70	383656	42.872	ng		97
20) 3+4-Methylphenols	7.151	107	579134	45.674	ng		97
22) Acetophenone	7.151	105	775903	46.616	ng		98
24) Nitrobenzene	7.322	77	597921	44.325	ng		99
25) Isophorone	7.563	82	1124700	44.499	ng		99
26) 2-Nitrophenol	7.639	139	331436	50.941	ng		93
27) 2,4-Dimethylphenol	7.681	122	535675	48.014	ng		99
28) bis(2-Chloroethoxy)met...	7.775	93	680291	45.497	ng		99
29) 2,4-Dichlorophenol	7.881	162	492963	48.538	ng		100
30) 1,2,4-Trichlorobenzene	7.963	180	514946	48.941	ng		98
31) Naphthalene	8.045	128	1653681	46.032	ng		99
32) Benzoic acid	7.804	122	372222m	54.013	ng		
33) 4-Chloroaniline	8.092	127	375348	25.859	ng		99
34) Hexachlorobutadiene	8.163	225	277621	47.606	ng		98
35) Caprolactam	8.469	113	180761m	52.980	ng		
36) 4-Chloro-3-methylphenol	8.581	107	536580	48.993	ng		98
37) 2-Methylnaphthalene	8.733	142	1099639	44.772	ng		98
38) 1-Methylnaphthalene	8.833	142	1034600	45.029	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	454904	45.266	ng		100
41) Hexachlorocyclopentadiene	8.892	237	502214	85.689	ng		98
43) 2,4,6-Trichlorophenol	9.010	196	330978	47.623	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	355171	44.188	ng		99
46) 1,1'-Biphenyl	9.198	154	1353240	45.659	ng		99
47) 2-Chloronaphthalene	9.222	162	1031363	47.544	ng		98
48) 2-Nitroaniline	9.316	65	329758	45.995	ng		96
49) Acenaphthylene	9.633	152	1588941	45.841	ng		100
50) Dimethylphthalate	9.504	163	1193237	45.785	ng		99
51) 2,6-Dinitrotoluene	9.563	165	283413	48.316	ng	#	81
52) Acenaphthene	9.810	154	1154482m	49.730	ng		
53) 3-Nitroaniline	9.728	138	255535	36.638	ng		97
54) 2,4-Dinitrophenol	9.833	184	307700	104.359	ng		99
55) Dibenzofuran	9.980	168	1439006	45.441	ng		98
56) 4-Nitrophenol	9.898	139	513724	95.099	ng		95
57) 2,4-Dinitrotoluene	9.963	165	382669	51.155	ng		93
58) Fluorene	10.322	166	1061286	45.743	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	303115	48.643	ng		97
60) Diethylphthalate	10.204	149	1133375	46.040	ng		98
61) 4-Chlorophenyl-phenyle...	10.316	204	508393	44.966	ng		98
62) 4-Nitroaniline	10.345	138	325032	50.704	ng		96
63) Azobenzene	10.475	77	1169983	44.865	ng		98
65) 4,6-Dinitro-2-methylph...	10.369	198	216754	53.271	ng		81
66) n-Nitrosodiphenylamine	10.439	169	980253	45.017	ng		99
67) 4-Bromophenyl-phenylether	10.804	248	332397	45.655	ng		99
68) Hexachlorobenzene	10.869	284	364749	48.891	ng		98
69) Atrazine	10.963	200	336241	53.589	ng		98
70) Pentachlorophenol	11.063	266	424570	79.908	ng		98
71) Phenanthrene	11.280	178	1651208	45.765	ng		100
72) Anthracene	11.333	178	1678096	45.447	ng		100
73) Carbazole	11.486	167	1543231	46.937	ng		99
74) Di-n-butylphthalate	11.822	149	1792579	48.178	ng		99
75) Fluoranthene	12.469	202	1651308	45.603	ng		96
77) Benzidine	12.586	184	520700	82.925	ng	#	93
78) Pyrene	12.692	202	1693344	53.199	ng		100
80) Butylbenzylphthalate	13.316	149	698450	61.972	ng		95
81) Benzo(a)anthracene	13.880	228	1208024	47.310	ng		100
82) 3,3'-Dichlorobenzidine	13.845	252	356673	50.564	ng		99
83) Chrysene	13.916	228	1163130	45.563	ng		99
84) Bis(2-ethylhexyl)phtha...	13.880	149	783238	55.367	ng		100
85) Di-n-octyl phthalate	14.492	149	1265560	54.866	ng		97
87) Indeno(1,2,3-cd)pyrene	16.686	276	1396326	63.648	ng		100
88) Benzo(b)fluoranthene	14.904	252	1125074	45.853	ng		98
89) Benzo(k)fluoranthene	14.933	252	1071550	44.056	ng		99
90) Benzo(a)pyrene	15.251	252	1004220	44.965	ng		99
91) Dibenzo(a,h)anthracene	16.709	278	1159369	63.362	ng		98
92) Benzo(g,h,i)perylene	17.109	276	1125400	62.299	ng		97

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

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