Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
Data File : BF133419.D
Acq On : 17 May 2023 18:17
Operator : CG\JU
Sample : 02812-14MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WG-0516-B4-10-13MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

Quant Time: May 18 04:04:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 16 14:39:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.716	152	207885	20.000	ng		0.00
21) Naphthalene-d8	7.998	136	835420	20.000	ng		-0.01
39) Acenaphthene-d10	9.751	164	434832	20.000	ng		-0.01
64) Phenanthrene-d10	11.233	188	781847	20.000	ng		-0.01
76) Chrysene-d12	13.874	240	348207	20.000	ng		-0.01
86) Perylene-d12	15.292	264	474264	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	1349488	98.061	ng		0.00
7) Phenol-d6	6.363	99	1612756	94.418	ng		0.00
23) Nitrobenzene-d5	7.281	82	1026018	66.291	ng		-0.01
42) 2,4,6-Tribromophenol	10.545	330	418687	95.742	ng		0.00
45) 2-Fluorobiphenyl	9.075	172	1670403	64.268	ng		-0.01
79) Terphenyl-d14	12.822	244	1680143	83.217	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.405	88	269178	42.170	ng		94
3) Pyridine	3.099	79	689904	40.694	ng		94
4) n-Nitrosodimethylamine	3.063	42	359196	40.904	ng		89
6) Aniline	6.375	93	838568	38.117	ng	#	44
8) 2-Chlorophenol	6.504	128	703269	50.332	ng		92
9) Benzaldehyde	6.257	77	447784	78.234	ng		99
10) Phenol	6.381	94	837508	44.445	ng		75
11) bis(2-Chloroethyl)ether	6.451	93	659313	46.626	ng		98
12) 1,3-Dichlorobenzene	6.657	146	743754	50.066	ng		96
13) 1,4-Dichlorobenzene	6.734	146	751574	50.481	ng		97
14) 1,2-Dichlorobenzene	6.887	146	719682	52.432	ng		99
15) Benzyl Alcohol	6.869	79	573544	48.610	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.998	45	1024639	41.720	ng		88
17) 2-Methylphenol	6.987	107	572701	44.762	ng		96
18) Hexachloroethane	7.228	117	259378	50.110	ng		98
19) n-Nitroso-di-n-propyla...	7.140	70	442279	41.591	ng		92
20) 3+4-Methylphenols	7.140	107	700500	46.491	ng	#	70
22) Acetophenone	7.128	105	938944	48.519	ng	#	92
24) Nitrobenzene	7.304	77	696887	44.434	ng		98
25) Isophorone	7.540	82	1329340	45.237	ng		98
26) 2-Nitrophenol	7.622	139	401467	53.071	ng	#	89
27) 2,4-Dimethylphenol	7.669	122	637158	49.120	ng		97
28) bis(2-Chloroethoxy)met...	7.757	93	810715	46.634	ng		99
29) 2,4-Dichlorophenol	7.869	162	584601	49.507	ng		96
30) 1,2,4-Trichlorobenzene	7.945	180	607826	49.686	ng		99
31) Naphthalene	8.022	128	1944486	46.554	ng		99
32) Benzoic acid	7.798	122	306641m	38.271	ng		
33) 4-Chloroaniline	8.075	127	461174	27.327	ng		99
34) Hexachlorobutadiene	8.139	225	327688	48.329	ng		99
35) Caprolactam	8.457	113	207589m	52.331	ng		
36) 4-Chloro-3-methylphenol	8.569	107	628073	49.323	ng		97
37) 2-Methylnaphthalene	8.716	142	1293974	45.314	ng		96
38) 1-Methylnaphthalene	8.816	142	1208019	45.221	ng		98
40) 1,2,4,5-Tetrachloroben...	8.881	216	555862	47.544	ng		99
41) Hexachlorocyclopentadiene	8.869	237	565475	82.933	ng		99
43) 2,4,6-Trichlorophenol	8.998	196	387754	47.957	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.039	196	417458	44.643	ng		98
46) 1,1'-Biphenyl	9.181	154	1627524	47.202	ng		99
47) 2-Chloronaphthalene	9.204	162	1202000	47.628	ng		100
48) 2-Nitroaniline	9.304	65	381446	45.733	ng		93
49) Acenaphthylene	9.616	152	1863270	46.206	ng		100
50) Dimethylphthalate	9.486	163	1473460	48.597	ng		99
51) 2,6-Dinitrotoluene	9.545	165	334872	49.071	ng		92
52) Acenaphthene	9.786	154	1334354m	49.406	ng		
53) 3-Nitroaniline	9.716	138	274139	33.785	ng		96
54) 2,4-Dinitrophenol	9.828	184	301140	87.791	ng		94
55) Dibenzofuran	9.963	168	1645783	44.672	ng		99
56) 4-Nitrophenol	9.892	139	508576	80.924	ng		93
57) 2,4-Dinitrotoluene	9.951	165	427756	49.151	ng		94
58) Fluorene	10.304	166	1271653	47.113	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	344725	47.552	ng		97
60) Diethylphthalate	10.181	149	1377344	48.093	ng		100
61) 4-Chlorophenyl-phenyle...	10.292	204	614742	46.736	ng		94
62) 4-Nitroaniline	10.333	138	377203	50.579	ng		96
63) Azobenzene	10.457	77	1356132	44.700	ng		96
65) 4,6-Dinitro-2-methylph...	10.363	198	239551	50.549	ng		88
66) n-Nitrosodiphenylamine	10.416	169	1166746	46.005	ng		99
67) 4-Bromophenyl-phenylether	10.786	248	398144	46.953	ng		97
68) Hexachlorobenzene	10.851	284	427481	49.198	ng		94
69) Atrazine	10.951	200	408275	55.869	ng		98
70) Pentachlorophenol	11.051	266	397414	64.221	ng		97
71) Phenanthrene	11.263	178	1918934	45.665	ng		100
72) Anthracene	11.316	178	1969375	45.794	ng		100
73) Carbazole	11.475	167	1734434	45.294	ng		100
74) Di-n-butylphthalate	11.804	149	2166399	49.993	ng		99
75) Fluoranthene	12.451	202	1849254	43.848	ng		97
77) Benzidine	12.574	184	842896	143.146	ng	#	93
78) Pyrene	12.674	202	1847783	61.904	ng		100
80) Butylbenzylphthalate	13.298	149	712459	67.411	ng		99
81) Benzo(a)anthracene	13.863	228	1146395	47.876	ng		100
82) 3,3'-Dichlorobenzidine	13.827	252	262875	39.740	ng		98
83) Chrysene	13.904	228	1129662	47.189	ng		98
84) Bis(2-ethylhexyl)phtha...	13.857	149	816738	61.567	ng	#	98
85) Di-n-octyl phthalate	14.468	149	1423754	65.821	ng		96
87) Indeno(1,2,3-cd)pyrene	16.680	276	1666760	61.784	ng		99
88) Benzo(b)fluoranthene	14.892	252	1316937	43.647	ng		99
89) Benzo(k)fluoranthene	14.921	252	1272725	42.553	ng		99
90) Benzo(a)pyrene	15.239	252	1234515	44.952	ng		99
91) Dibenzo(a,h)anthracene	16.698	278	1383163	61.473	ng		100
92) Benzo(g,h,i)perylene	17.104	276	1362823	61.351	ng		98

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

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