Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071223\
Data File : BF134253.D
Acq On : 12 Jul 2023 18:38
Operator : CG\JU
Sample : 03555-05MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jul 12 23:22:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ETGI-369MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	101332	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	393143	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	193251	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	305504	20.000	ng		0.00
76) Chrysene-d12	14.051	240	184957	20.000	ng		0.01
86) Perylene-d12	15.551	264	170837	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	479265	79.116	ng		0.01
7) Phenol-d6	6.487	99	585423	78.582	ng		0.00
23) Nitrobenzene-d5	7.410	82	416643	57.128	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	161946	66.837	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	758611	57.073	ng		0.00
79) Terphenyl-d14	12.974	244	590916	51.419	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	106057	42.460	ng		99
3) Pyridine	3.487	79	255275	39.236	ng		98
4) n-Nitrosodimethylamine	3.457	42	165916	44.651	ng		100
6) Aniline	6.510	93	322118	35.532	ng	#	87
8) 2-Chlorophenol	6.634	128	294513	47.893	ng		98
9) Benzaldehyde	6.398	77	203737	55.058	ng		90
10) Phenol	6.504	94	359000	45.832	ng		85
11) bis(2-Chloroethyl)ether	6.587	93	264957	45.945	ng		97
12) 1,3-Dichlorobenzene	6.787	146	313732	47.855	ng		99
13) 1,4-Dichlorobenzene	6.863	146	322935	48.769	ng		99
14) 1,2-Dichlorobenzene	7.016	146	304597	49.116	ng		99
15) Benzyl Alcohol	6.992	79	270746	47.142	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	443343	43.456	ng		94
17) 2-Methylphenol	7.104	107	246661	44.793	ng		96
18) Hexachloroethane	7.351	117	122200	49.770	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	212291	44.935	ng		98
20) 3+4-Methylphenols	7.257	107	296498	44.383	ng		93
22) Acetophenone	7.257	105	418241	46.778	ng		99
24) Nitrobenzene	7.434	77	326039	44.239	ng		98
25) Isophorone	7.669	82	583521	44.023	ng		99
26) 2-Nitrophenol	7.745	139	161932	45.802	ng		96
27) 2,4-Dimethylphenol	7.787	122	259647	46.395	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	340840	44.409	ng		99
29) 2,4-Dichlorophenol	7.987	162	248867	44.845	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	267285	46.678	ng		99
31) Naphthalene	8.151	128	1029331	54.204	ng		100
32) Benzoic acid	7.904	122	151945m	36.233	ng		
33) 4-Chloroaniline	8.198	127	181878	22.390	ng		98
34) Hexachlorobutadiene	8.263	225	171632	47.516	ng		99
35) Caprolactam	8.586	113	78717m	43.080	ng		
36) 4-Chloro-3-methylphenol	8.686	107	279428	44.821	ng		95
37) 2-Methylnaphthalene	8.839	142	632296	47.085	ng		99
38) 1-Methylnaphthalene	8.939	142	545081	43.662	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	270553	47.255	ng		99
41) Hexachlorocyclopentadiene	8.986	237	115377	42.477	ng		97
43) 2,4,6-Trichlorophenol	9.122	196	171271	43.944	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	179293	39.108	ng		95
46) 1,1'-Biphenyl	9.304	154	732283	47.238	ng		99
47) 2-Chloronaphthalene	9.333	162	511883	45.131	ng		98
48) 2-Nitroaniline	9.433	65	179563	43.440	ng		98
49) Acenaphthylene	9.751	152	864588	44.623	ng		99
50) Dimethylphthalate	9.610	163	620239	44.214	ng		100
51) 2,6-Dinitrotoluene	9.675	165	130064	43.047	ng	#	85
52) Acenaphthene	9.922	154	557118	49.554	ng		99
53) 3-Nitroaniline	9.845	138	120316	33.193	ng		98
54) 2,4-Dinitrophenol	9.957	184	47156	29.584	ng		89
55) Dibenzofuran	10.092	168	871988	49.628	ng		96
56) 4-Nitrophenol	10.016	139	172239	67.933	ng		92
57) 2,4-Dinitrotoluene	10.086	165	160078	40.118	ng		89
58) Fluorene	10.439	166	621143	45.440	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	135449	37.455	ng	#	98
60) Diethylphthalate	10.310	149	630259	43.124	ng		99
61) 4-Chlorophenyl-phenyle...	10.428	204	277262	42.088	ng		96
62) 4-Nitroaniline	10.463	138	117639	32.204	ng		92
63) Azobenzene	10.592	77	592128	42.831	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	41980	25.204	ng		96
66) n-Nitrosodiphenylamine	10.551	169	494200	50.630	ng		98
67) 4-Bromophenyl-phenylether	10.922	248	166095	51.151	ng		97
68) Hexachlorobenzene	10.986	284	176039	51.060	ng		96
69) Atrazine	11.080	200	155266	57.507	ng		96
70) Pentachlorophenol	11.186	266	139041	67.448	ng		92
71) Phenanthrene	11.410	178	1253412	81.498	ng		100
72) Anthracene	11.463	178	1016649	63.554	ng		100
73) Carbazole	11.616	167	656805	44.858	ng		98
74) Di-n-butylphthalate	11.945	149	835720	47.997	ng		99
75) Fluoranthene	12.616	202	2297457	138.178	ng		98
77) Benzidine	12.727	184	154692	35.150	ng		99
78) Pyrene	12.845	202	1907469	110.817	ng		100
80) Butylbenzylphthalate	13.457	149	288989	44.766	ng		96
81) Benzo(a)anthracene	14.039	228	1199331	93.500	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	165813	40.802	ng		98
83) Chrysene	14.080	228	1125223	90.569	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	398599	53.735	ng		98
85) Di-n-octyl phthalate	14.639	149	674389	61.873	ng		98
87) Indeno(1,2,3-cd)pyrene	17.109	276	590890	49.846	ng		96
88) Benzo(b)fluoranthene	15.115	252	1078999	107.413	ng		99
89) Benzo(k)fluoranthene	15.145	252	708268m	69.250	ng		
90) Benzo(a)pyrene	15.492	252	702834	72.355	ng		98
91) Dibenzo(a,h)anthracene	17.121	278	387118	39.981	ng		97
92) Benzo(g,h,i)perylene	17.580	276	470632	47.134	ng		98

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

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