Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
Data File : BF135776.D
Acq On : 16 Oct 2023 14:45
Operator : CG\JU
Sample : 04791-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

Quant Time: Oct 17 01:32:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	91388	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	342350	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	176879	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	332005	20.000	ng		0.00
76) Chrysene-d12	13.939	240	172719	20.000	ng		-0.01
86) Perylene-d12	15.415	264	196583	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	620757	109.207	ng		0.00
7) Phenol-d6	6.392	99	727110	102.520	ng		0.00
23) Nitrobenzene-d5	7.310	82	465818	74.835	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	176023	103.708	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	795853	70.349	ng		0.00
79) Terphenyl-d14	12.868	244	817156	87.616	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.469	88	121447	44.295	ng		100
3) Pyridine	3.222	79	279898	41.607	ng		97
4) n-Nitrosodimethylamine	3.187	42	184594	51.026	ng		96
6) Aniline	6.410	93	246345	27.601	ng	#	31
8) 2-Chlorophenol	6.528	128	312492	50.980	ng		97
9) Benzaldehyde	6.298	77	141814	35.131	ng		99
10) Phenol	6.410	94	376977	50.727	ng		82
11) bis(2-Chloroethyl)ether	6.481	93	301242	50.309	ng		98
12) 1,3-Dichlorobenzene	6.675	146	318129	51.193	ng		98
13) 1,4-Dichlorobenzene	6.757	146	318117	50.533	ng		98
14) 1,2-Dichlorobenzene	6.904	146	302512	53.370	ng		99
15) Benzyl Alcohol	6.892	79	245659	52.093	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	539198	49.789	ng		85
17) 2-Methylphenol	7.010	107	251022	47.306	ng		96
18) Hexachloroethane	7.239	117	121283	53.136	ng		90
19) n-Nitroso-di-n-propyla...	7.157	70	208154	47.467	ng		100
20) 3+4-Methylphenols	7.163	107	320718	48.482	ng		89
22) Acetophenone	7.151	105	417179	53.134	ng	#	98
24) Nitrobenzene	7.328	77	328724	52.619	ng		99
25) Isophorone	7.563	82	597685	50.896	ng		100
26) 2-Nitrophenol	7.645	139	167410	54.911	ng		95
27) 2,4-Dimethylphenol	7.686	122	223648	44.561	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	354915	50.749	ng		99
29) 2,4-Dichlorophenol	7.892	162	247277	52.574	ng		99
30) 1,2,4-Trichlorobenzene	7.963	180	249482	51.861	ng		99
31) Naphthalene	8.039	128	842342	50.444	ng		99
32) Benzoic acid	7.839	122	162591	47.859	ng		92
33) 4-Chloroaniline	8.104	127	90942	12.467	ng		97
34) Hexachlorobutadiene	8.151	225	152927	53.708	ng		99
35) Caprolactam	8.486	113	86541m	53.823	ng		
36) 4-Chloro-3-methylphenol	8.598	107	267456	51.277	ng		97
37) 2-Methylnaphthalene	8.733	142	541026	49.176	ng		100
38) 1-Methylnaphthalene	8.833	142	522664	51.508	ng		100
40) 1,2,4,5-Tetrachloroben...	8.904	216	266585	52.395	ng		99
41) Hexachlorocyclopentadiene	8.880	237	64950	69.831	ng		95
43) 2,4,6-Trichlorophenol	9.022	196	169276	51.628	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	184777	48.453	ng		99
46) 1,1'-Biphenyl	9.198	154	692395	51.102	ng		97
47) 2-Chloronaphthalene	9.227	162	515218	52.762	ng		98
48) 2-Nitroaniline	9.339	65	197360	51.204	ng		96
49) Acenaphthylene	9.639	152	840908	52.037	ng		98
50) Dimethylphthalate	9.504	163	620202	51.941	ng		99
51) 2,6-Dinitrotoluene	9.580	165	136716	53.244	ng		89
52) Acenaphthene	9.810	154	499101	51.529	ng		100
53) 3-Nitroaniline	9.751	138	114297	36.311	ng		95
54) 2,4-Dinitrophenol	9.874	184	109707	102.353	ng		92
55) Dibenzofuran	9.986	168	751313	51.408	ng		99
56) 4-Nitrophenol	9.939	139	149710	102.171	ng		94
57) 2,4-Dinitrotoluene	9.992	165	173566	53.132	ng	#	77
58) Fluorene	10.333	166	589062	51.485	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	145739	50.570	ng		98
60) Diethylphthalate	10.210	149	629911	51.675	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	283073	51.191	ng		94
62) 4-Nitroaniline	10.374	138	133552	46.114	ng		97
63) Azobenzene	10.486	77	597813	50.477	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	83602	50.035	ng		96
66) n-Nitrosodiphenylamine	10.445	169	522908	51.674	ng		98
67) 4-Bromophenyl-phenylether	10.816	248	171159	51.357	ng		96
68) Hexachlorobenzene	10.886	284	182323	53.733	ng		96
69) Atrazine	10.980	200	171567	62.332	ng		97
70) Pentachlorophenol	11.092	266	136255	101.815	ng		97
71) Phenanthrene	11.298	178	841292	52.896	ng		99
72) Anthracene	11.351	178	836549	50.759	ng		100
73) Carbazole	11.516	167	787135	51.210	ng		100
74) Di-n-butylphthalate	11.839	149	1014950	53.782	ng		100
75) Fluoranthene	12.498	202	938657	53.175	ng		98
77) Benzidine	12.627	184	131536	34.900	ng		97
78) Pyrene	12.727	202	912856	66.510	ng		99
80) Butylbenzylphthalate	13.351	149	358040	59.363	ng		96
81) Benzo(a)anthracene	13.927	228	631552	55.669	ng		99
82) 3,3'-Dichlorobenzidine	13.892	252	131486	34.946	ng		95
83) Chrysene	13.968	228	573447	52.187	ng		100
84) Bis(2-ethylhexyl)phtha...	13.910	149	476044	58.236	ng		97
85) Di-n-octyl phthalate	14.527	149	748146	57.717	ng		100
87) Indeno(1,2,3-cd)pyrene	16.927	276	625446	58.391	ng		98
88) Benzo(b)fluoranthene	14.986	252	606999	55.171	ng		98
89) Benzo(k)fluoranthene	15.015	252	498583	46.678	ng		98
90) Benzo(a)pyrene	15.357	252	509985	49.295	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	517043	58.883	ng		99
92) Benzo(g,h,i)perylene	17.374	276	491604	54.503	ng		98

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

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