Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135684.D
Acq On : 10 Oct 2023 14:52
Operator : CG\JU
Sample : PB156207BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 11 02:56:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB156207BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	100401	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	378355	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	197882	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	377505	20.000	ng		0.00
76) Chrysene-d12	13.939	240	208546	20.000	ng	#	0.00
86) Perylene-d12	15.404	264	211419	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	835408	135.332	ng		0.02
7) Phenol-d6	6.398	99	1006106	128.177	ng		0.00
23) Nitrobenzene-d5	7.310	82	642358	92.239	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	266696	135.622	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1176077	89.668	ng		0.00
79) Terphenyl-d14	12.868	244	1227446	91.240	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	107797	39.834	ng		98
3) Pyridine	3.281	79	253483	34.804	ng		96
4) n-Nitrosodimethylamine	3.240	42	183339	47.437	ng		96
6) Aniline	6.410	93	312811	30.390	ng	#	13
8) 2-Chlorophenol	6.534	128	314824	47.775	ng		95
9) Benzaldehyde	6.298	77	60690	13.572	ng		96
10) Phenol	6.410	94	370506	43.046	ng		81
11) bis(2-Chloroethyl)ether	6.481	93	302700	46.884	ng		97
12) 1,3-Dichlorobenzene	6.681	146	309859	46.268	ng		97
13) 1,4-Dichlorobenzene	6.757	146	315650	46.326	ng		99
14) 1,2-Dichlorobenzene	6.904	146	296534	46.864	ng		99
15) Benzyl Alcohol	6.892	79	243043	43.149	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	538966	44.288	ng		62
17) 2-Methylphenol	7.010	107	249364	42.882	ng	#	91
18) Hexachloroethane	7.239	117	117474	46.662	ng		91
19) n-Nitroso-di-n-propyla...	7.157	70	209908	43.174	ng		94
20) 3+4-Methylphenols	7.163	107	310511	44.406	ng	#	79
22) Acetophenone	7.157	105	416988	48.206	ng	#	94
24) Nitrobenzene	7.328	77	318801	46.315	ng		99
25) Isophorone	7.563	82	589417	46.092	ng		98
26) 2-Nitrophenol	7.645	139	167030	50.560	ng		95
27) 2,4-Dimethylphenol	7.686	122	247677	44.603	ng		99
28) bis(2-Chloroethoxy)met...	7.775	93	361023	47.168	ng		100
29) 2,4-Dichlorophenol	7.886	162	256305	49.812	ng		99
30) 1,2,4-Trichlorobenzene	7.963	180	260779	48.488	ng		99
31) Naphthalene	8.039	128	871790	47.423	ng		99
32) Benzoic acid	7.845	122	174662	41.771	ng		99
33) 4-Chloroaniline	8.098	127	233466	28.946	ng		98
34) Hexachlorobutadiene	8.151	225	152584	47.051	ng		99
35) Caprolactam	8.481	113	88321m	51.144	ng		
36) 4-Chloro-3-methylphenol	8.598	107	284079	49.675	ng		99
37) 2-Methylnaphthalene	8.733	142	555668	44.968	ng		100
38) 1-Methylnaphthalene	8.833	142	531669	45.956	ng		100
40) 1,2,4,5-Tetrachloroben...	8.898	216	270293	47.148	ng		100
41) Hexachlorocyclopentadiene	8.881	237	121460	51.029	ng		100
43) 2,4,6-Trichlorophenol	9.022	196	170531	45.432	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	185105	42.823	ng		97
46) 1,1'-Biphenyl	9.198	154	708724	46.605	ng		98
47) 2-Chloronaphthalene	9.228	162	527130	47.775	ng		99
48) 2-Nitroaniline	9.333	65	208230	48.578	ng		96
49) Acenaphthylene	9.639	152	860355	46.919	ng		99
50) Dimethylphthalate	9.510	163	622641	46.539	ng		99
51) 2,6-Dinitrotoluene	9.580	165	139637	47.644	ng		92
52) Acenaphthene	9.816	154	505847	46.697	ng		99
53) 3-Nitroaniline	9.751	138	122242	35.532	ng		96
54) 2,4-Dinitrophenol	9.875	184	136637	81.956	ng		99
55) Dibenzofuran	9.986	168	745882	45.123	ng		96
56) 4-Nitrophenol	9.939	139	148138	67.751	ng		99
57) 2,4-Dinitrotoluene	9.992	165	170943	46.589	ng		90
58) Fluorene	10.333	166	603240	47.470	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	150132	45.151	ng		98
60) Diethylphthalate	10.210	149	635284	47.314	ng		98
61) 4-Chlorophenyl-phenyle...	10.322	204	284572	46.618	ng		98
62) 4-Nitroaniline	10.375	138	150605	45.541	ng		98
63) Azobenzene	10.486	77	608914	46.338	ng		99
65) 4,6-Dinitro-2-methylph...	10.410	198	94812	47.287	ng		86
66) n-Nitrosodiphenylamine	10.451	169	555201	48.579	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	178042	47.420	ng		98
68) Hexachlorobenzene	10.880	284	197509	51.636	ng	#	90
69) Atrazine	10.980	200	169880	55.242	ng		98
70) Pentachlorophenol	11.086	266	149946	65.521	ng		97
71) Phenanthrene	11.298	178	872697	48.879	ng		99
72) Anthracene	11.351	178	890415	48.518	ng		99
73) Carbazole	11.516	167	838532	50.192	ng		99
74) Di-n-butylphthalate	11.839	149	982082	49.887	ng		99
75) Fluoranthene	12.498	202	942668	50.670	ng		98
77) Benzidine	12.627	184	248055	58.059	ng		99
78) Pyrene	12.727	202	938485	47.267	ng		100
80) Butylbenzylphthalate	13.345	149	358942	51.346	ng		95
81) Benzo(a)anthracene	13.927	228	673869	50.041	ng		99
82) 3,3'-Dichlorobenzidine	13.886	252	183723	43.678	ng		99
83) Chrysene	13.963	228	620171	46.321	ng		100
84) Bis(2-ethylhexyl)phtha...	13.910	149	429593	59.885	ng		100
85) Di-n-octyl phthalate	14.521	149	606522	53.202	ng		99
87) Indeno(1,2,3-cd)pyrene	16.909	276	657802	47.454	ng		99
88) Benzo(b)fluoranthene	14.980	252	548040	47.885	ng		99
89) Benzo(k)fluoranthene	15.010	252	517079	45.737	ng		100
90) Benzo(a)pyrene	15.345	252	494705	45.327	ng		99
91) Dibenzo(a,h)anthracene	16.909	278	538355	47.465	ng		98
92) Benzo(g,h,i)perylene	17.351	276	560432	47.312	ng		99

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

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