Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
Data File : BF135252.D
Acq On : 14 Sep 2023 14:05
Operator : CG\JU
Sample : PB154909BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 15 01:08:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB154909BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	115723	20.000	ng		0.00
21) Naphthalene-d8	8.045	136	450978	20.000	ng		0.00
39) Acenaphthene-d10	9.804	164	253937	20.000	ng		0.00
64) Phenanthrene-d10	11.298	188	495256	20.000	ng		0.00
76) Chrysene-d12	13.951	240	254422	20.000	ng		0.00
86) Perylene-d12	15.415	264	235204	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	974781	137.002	ng		0.02
7) Phenol-d6	6.416	99	1262582	139.554	ng		0.01
23) Nitrobenzene-d5	7.333	82	747873	90.096	ng		0.00
42) 2,4,6-Tribromophenol	10.604	330	335039	132.767	ng		0.00
45) 2-Fluorobiphenyl	9.127	172	1420581	84.401	ng		0.00
79) Terphenyl-d14	12.898	244	1527365	93.062	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	126861	40.672	ng		99
3) Pyridine	3.340	79	305495	36.391	ng		98
4) n-Nitrosodimethylamine	3.304	42	199194	44.715	ng		99
6) Aniline	6.434	93	400946	33.795	ng	#	68
8) 2-Chlorophenol	6.551	128	388906	51.203	ng		99
9) Benzaldehyde	6.316	77	141661	27.486	ng		95
10) Phenol	6.428	94	447245	45.082	ng		80
11) bis(2-Chloroethyl)ether	6.510	93	360374	48.427	ng		100
12) 1,3-Dichlorobenzene	6.704	146	372141	48.210	ng		99
13) 1,4-Dichlorobenzene	6.781	146	365767	46.574	ng		98
14) 1,2-Dichlorobenzene	6.934	146	360673	49.454	ng		98
15) Benzyl Alcohol	6.916	79	323620	49.848	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	665759	47.464	ng		97
17) 2-Methylphenol	7.028	107	313142	46.719	ng		97
18) Hexachloroethane	7.269	117	133629	46.051	ng		91
19) n-Nitroso-di-n-propyla...	7.186	70	244006	43.543	ng		98
20) 3+4-Methylphenols	7.181	107	342309	42.472	ng		95
22) Acetophenone	7.181	105	470406	45.624	ng		99
24) Nitrobenzene	7.351	77	372311	45.379	ng		98
25) Isophorone	7.592	82	690160	45.279	ng		99
26) 2-Nitrophenol	7.669	139	189822	48.206	ng		95
27) 2,4-Dimethylphenol	7.710	122	321420	48.561	ng		99
28) bis(2-Chloroethoxy)met...	7.804	93	420483	46.090	ng		99
29) 2,4-Dichlorophenol	7.910	162	293538	47.861	ng		98
30) 1,2,4-Trichlorobenzene	7.986	180	301727	47.068	ng		99
31) Naphthalene	8.069	128	1003512	45.798	ng		100
32) Benzoic acid	7.857	122	243199	48.796	ng		91
33) 4-Chloroaniline	8.122	127	167646	17.438	ng		98
34) Hexachlorobutadiene	8.181	225	184890	47.832	ng		99
35) Caprolactam	8.504	113	112634m	54.720	ng		
36) 4-Chloro-3-methylphenol	8.616	107	356564	52.309	ng		100
37) 2-Methylnaphthalene	8.763	142	690219	46.861	ng		99
38) 1-Methylnaphthalene	8.857	142	652150	47.292	ng		99
40) 1,2,4,5-Tetrachloroben...	8.928	216	324700	44.136	ng		99
41) Hexachlorocyclopentadiene	8.910	237	273202	83.885	ng		99
43) 2,4,6-Trichlorophenol	9.045	196	224078	46.520	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.086	196	245408	44.241	ng		96
46)	1,1'-Biphenyl	9.227	154	876919	44.936	ng		99
47)	2-Chloronaphthalene	9.251	162	652576	46.089	ng		98
48)	2-Nitroaniline	9.357	65	254128	46.199	ng		99
49)	Acenaphthylene	9.669	152	1023599	43.499	ng		99
50)	Dimethylphthalate	9.539	163	788566	45.930	ng		100
51)	2,6-Dinitrotoluene	9.598	165	181679	48.305	ng		98
52)	Acenaphthene	9.839	154	632055	45.468	ng		96
53)	3-Nitroaniline	9.769	138	134778	30.528	ng		99
54)	2,4-Dinitrophenol	9.886	184	194580	90.262	ng		98
55)	Dibenzofuran	10.016	168	913823	43.079	ng		99
56)	4-Nitrophenol	9.945	139	265239	94.529	ng		97
57)	2,4-Dinitrotoluene	10.010	165	209114	44.411	ng		86
58)	Fluorene	10.357	166	712367	43.683	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.133	232	210986	49.446	ng		98
60)	Diethylphthalate	10.239	149	801506	46.517	ng		99
61)	4-Chlorophenyl-phenyle...	10.351	204	337857	43.129	ng		96
62)	4-Nitroaniline	10.392	138	199337	46.971	ng		98
63)	Azobenzene	10.510	77	768705	45.585	ng		97
65)	4,6-Dinitro-2-methylph...	10.422	198	133860	50.888	ng		93
66)	n-Nitrosodiphenylamine	10.474	169	683372	45.577	ng		100
67)	4-Bromophenyl-phenylether	10.839	248	222865	45.246	ng	#	92
68)	Hexachlorobenzene	10.904	284	241615	48.148	ng	#	90
69)	Atrazine	11.010	200	229085	56.783	ng		99
70)	Pentachlorophenol	11.104	266	257574	85.791	ng		97
71)	Phenanthrene	11.321	178	1076780	45.970	ng		99
72)	Anthracene	11.374	178	1087996	45.189	ng		99
73)	Carbazole	11.533	167	1044575	47.659	ng		100
74)	Di-n-butylphthalate	11.868	149	1255501	48.613	ng		99
75)	Fluoranthene	12.515	202	1159352	47.501	ng		99
77)	Benzidine	12.639	184	334603	64.195	ng		98
78)	Pyrene	12.745	202	1155046	47.684	ng		99
80)	Butylbenzylphthalate	13.374	149	477370	55.974	ng		99
81)	Benzo(a)anthracene	13.945	228	748053	45.533	ng		100
82)	3,3'-Dichlorobenzidine	13.910	252	175847	34.268	ng		98
83)	Chrysene	13.980	228	748632	45.833	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.933	149	558176	63.779	ng	#	98
85)	Di-n-octyl phthalate	14.551	149	844204	60.698	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.903	276	766351	49.694	ng		99
88)	Benzo(b)fluoranthene	14.992	252	640247	50.285	ng		98
89)	Benzo(k)fluoranthene	15.021	252	633637	50.379	ng		99
90)	Benzo(a)pyrene	15.357	252	578749	47.665	ng		99
91)	Dibenzo(a,h)anthracene	16.921	278	620721	49.193	ng		98
92)	Benzo(g,h,i)perylene	17.350	276	628904	47.724	ng		99

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

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