Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011723\
Data File : BF132104.D
Acq On : 17 Jan 2023 20:43
Operator : CG\JU
Sample : PB150083BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 18 05:48:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 00:47:03 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB150083BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.101	152	229186	20.000	ng	0.00
21) Naphthalene-d8	8.389	136	859616	20.000	ng	0.00
39) Acenaphthene-d10	10.154	164	466953	20.000	ng	0.00
64) Phenanthrene-d10	11.654	188	907605	20.000	ng	0.00
76) Chrysene-d12	14.318	240	464180	20.000	ng	0.00
86) Perylene-d12	15.918	264	395837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.742	112	1503223	117.363	ng	0.02
7) Phenol-d6	6.719	99	2007485	121.508	ng	0.00
23) Nitrobenzene-d5	7.666	82	1359857	88.447	ng	0.00
42) 2,4,6-Tribromophenol	10.954	330	616711	130.475	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	2176735	69.820	ng	0.00
79) Terphenyl-d14	13.254	244	2472880	89.804	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	236739	35.285	ng	100
3) Pyridine	3.896	79	624229	34.029	ng	97
4) n-Nitrosodimethylamine	3.860	42	385901	43.084	ng	99
6) Aniline	6.760	93	853483	35.859	ng	100
8) 2-Chlorophenol	6.884	128	647163	48.246	ng	99
9) Benzaldehyde	6.648	77	266213	22.314	ng	98
10) Phenol	6.737	94	743938	43.441	ng	96
11) bis(2-Chloroethyl)ether	6.831	93	652232	44.154	ng	99
12) 1,3-Dichlorobenzene	7.042	146	661943	44.118	ng	97
13) 1,4-Dichlorobenzene	7.119	146	668402	44.997	ng	98
14) 1,2-Dichlorobenzene	7.272	146	638919	44.735	ng	100
15) Benzyl Alcohol	7.237	79	613712m	46.764	ng	
16) 2,2'-oxybis(1-Chloropr...	7.372	45	996280	44.164	ng	99
17) 2-Methylphenol	7.342	107	529790	43.128	ng	99
18) Hexachloroethane	7.619	117	248814	46.571	ng	89
19) n-Nitroso-di-n-propyla...	7.513	70	440065	41.820	ng	99
20) 3+4-Methylphenols	7.495	107	638053	42.359	ng	91
22) Acetophenone	7.513	105	811775	40.823	ng	98
24) Nitrobenzene	7.689	77	709697	43.453	ng	96
25) Isophorone	7.925	82	1382770	42.226	ng	99
26) 2-Nitrophenol	8.001	139	312076	48.392	ng	97
27) 2,4-Dimethylphenol	8.031	122	594962	44.659	ng	97
28) bis(2-Chloroethoxy)met...	8.131	93	771022	41.162	ng	99
29) 2,4-Dichlorophenol	8.236	162	552769	44.344	ng	95
30) 1,2,4-Trichlorobenzene	8.325	180	596377	42.963	ng	99
31) Naphthalene	8.413	128	1703150	40.252	ng	100
32) Benzoic acid	8.154	122	431768	45.883	ng	97
33) 4-Chloroaniline	8.448	127	230094	12.488	ng	97
34) Hexachlorobutadiene	8.525	225	393335	43.409	ng	99
35) Caprolactam	8.836	113	214909m	53.174	ng	
36) 4-Chloro-3-methylphenol	8.931	107	589128	44.865	ng	96
37) 2-Methylnaphthalene	9.101	142	1137493	39.086	ng	99
38) 1-Methylnaphthalene	9.207	142	1077112	39.405	ng	99
40) 1,2,4,5-Tetrachloroben...	9.272	216	592303	40.069	ng	98
41) Hexachlorocyclopentadiene	9.260	237	743106	101.531	ng	99
43) 2,4,6-Trichlorophenol	9.378	196	444375	45.932	ng	97

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44)	2,4,5-Trichlorophenol	9.419	196	481807	43.061	ng		97
46)	1,1'-Biphenyl	9.572	154	1386398	40.013	ng		99
47)	2-Chloronaphthalene	9.601	162	1107928	41.184	ng		99
48)	2-Nitroaniline	9.689	65	394780	49.034	ng		99
49)	Acenaphthylene	10.019	152	1758569	40.146	ng		99
50)	Dimethylphthalate	9.872	163	1373459	41.028	ng		100
51)	2,6-Dinitrotoluene	9.930	165	311047	48.344	ng		88
52)	Acenaphthene	10.195	154	1168281	44.656	ng		97
53)	3-Nitroaniline	10.101	138	208431	29.570	ng		98
54)	2,4-Dinitrophenol	10.207	184	313579	92.401	ng	#	77
55)	Dibenzofuran	10.366	168	1602257	39.535	ng		100
56)	4-Nitrophenol	10.254	139	486112	91.988	ng		92
57)	2,4-Dinitrotoluene	10.342	165	397650	50.721	ng		95
58)	Fluorene	10.713	166	1197266	39.901	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.477	232	405571	46.156	ng		98
60)	Diethylphthalate	10.577	149	1377090	41.160	ng		100
61)	4-Chlorophenyl-phenyle...	10.695	204	632003	39.651	ng		97
62)	4-Nitroaniline	10.730	138	303362	46.164	ng		99
63)	Azobenzene	10.860	77	1334272	39.669	ng		99
65)	4,6-Dinitro-2-methylph...	10.748	198	202568	46.853	ng		98
66)	n-Nitrosodiphenylamine	10.819	169	1107902	40.736	ng		99
67)	4-Bromophenyl-phenylether	11.195	248	422165	41.559	ng		96
68)	Hexachlorobenzene	11.260	284	449104	44.432	ng		97
69)	Atrazine	11.342	200	404800	45.548	ng		100
70)	Pentachlorophenol	11.454	266	549156	79.881	ng		99
71)	Phenanthrene	11.683	178	1826326	40.475	ng		100
72)	Anthracene	11.736	178	1834572	40.132	ng		99
73)	Carbazole	11.883	167	1654512	40.947	ng		100
74)	Di-n-butylphthalate	12.207	149	1988809	41.412	ng		99
75)	Fluoranthene	12.883	202	1939738	39.901	ng		98
77)	Benzidine	12.995	184	523877	42.992	ng		99
78)	Pyrene	13.113	202	1956537	44.793	ng		99
80)	Butylbenzylphthalate	13.724	149	749239	52.079	ng		94
81)	Benzo(a)anthracene	14.307	228	1403250	42.975	ng		99
82)	3,3'-Dichlorobenzidine	14.265	252	239357	27.975	ng		98
83)	Chrysene	14.348	228	1293735	42.121	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.283	149	974055	49.376	ng		99
85)	Di-n-octyl phthalate	14.924	149	1367245	49.198	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.595	276	1169847	51.998	ng		98
88)	Benzo(b)fluoranthene	15.436	252	1190267	47.435	ng		99
89)	Benzo(k)fluoranthene	15.471	252	1115605	44.012	ng		99
90)	Benzo(a)pyrene	15.854	252	994043	43.775	ng		99
91)	Dibenzo(a,h)anthracene	17.618	278	931221	51.566	ng		99
92)	Benzo(g,h,i)perylene	18.106	276	974176	52.055	ng		99

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

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