Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022323\
Data File : BP013879.D
Acq On : 23 Feb 2023 14:31
Operator : CG/JU
Sample : PB151032BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 24 01:40:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 01:37:56 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB151032BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.105	152	115773	20.000	ng		0.00
21) Naphthalene-d8	10.928	136	355406	20.000	ng		0.00
39) Acenaphthene-d10	14.740	164	249157	20.000	ng		0.00
64) Phenanthrene-d10	17.492	188	520190	20.000	ng		0.00
76) Chrysene-d12	21.569	240	533458	20.000	ng		0.00
86) Perylene-d12	24.121	264	675448	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.640	112	1016672	144.730	ng		0.00
7) Phenol-d6	7.258	99	1139125	126.617	ng		0.00
23) Nitrobenzene-d5	9.275	82	776125	117.924	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	562105	154.982	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	1865682	98.352	ng		0.00
79) Terphenyl-d14	20.028	244	2946474	106.269	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	115248	37.746	ng		97
3) Pyridine	3.899	79	315161	38.290	ng		100
4) n-Nitrosodimethylamine	3.805	42	161994	52.517	ng	#	87
6) Aniline	7.422	93	461211	39.455	ng		97
8) 2-Chlorophenol	7.664	128	395496	53.377	ng		100
9) Benzaldehyde	7.234	77	169062m	39.499	ng		
10) Phenol	7.281	94	426169	45.510	ng		92
11) bis(2-Chloroethyl)ether	7.516	93	324738	43.331	ng		98
12) 1,3-Dichlorobenzene	7.987	146	455138	54.629	ng		98
13) 1,4-Dichlorobenzene	8.140	146	461601	54.849	ng		99
14) 1,2-Dichlorobenzene	8.463	146	409149	52.081	ng		98
15) Benzyl Alcohol	8.340	79	331308m	52.488	ng		
16) 2,2'-oxybis(1-Chloropr...	8.634	45	396392m	49.516	ng		
17) 2-Methylphenol	8.540	107	313915	49.261	ng		97
18) Hexachloroethane	9.193	117	161945	54.935	ng		97
19) n-Nitroso-di-n-propyla...	8.916	70	271895	51.637	ng		99
20) 3+4-Methylphenols	8.875	107	414417	48.318	ng		95
22) Acetophenone	8.934	105	566222	63.164	ng	#	98
24) Nitrobenzene	9.316	77	402954	58.669	ng		97
25) Isophorone	9.852	82	688324	54.270	ng		99
26) 2-Nitrophenol	10.034	139	177413	54.423	ng	#	92
27) 2,4-Dimethylphenol	10.087	122	291536	54.963	ng		98
28) bis(2-Chloroethoxy)met...	10.328	93	429692	53.072	ng		99
29) 2,4-Dichlorophenol	10.569	162	321954	56.574	ng		100
30) 1,2,4-Trichlorobenzene	10.787	180	371581	55.643	ng		99
31) Naphthalene	10.981	128	1006157	51.636	ng		99
32) Benzoic acid	10.216	122	194486	46.659	ng		96
33) 4-Chloroaniline	11.087	127	240254	29.363	ng		97
34) Hexachlorobutadiene	11.257	225	261890	59.014	ng		99
35) Caprolactam	11.869	113	93001	51.186	ng		97
36) 4-Chloro-3-methylphenol	12.193	107	370004	58.348	ng		96
37) 2-Methylnaphthalene	12.575	142	789582	55.978	ng		98
38) 1-Methylnaphthalene	12.793	142	728597	55.192	ng		99
40) 1,2,4,5-Tetrachloroben...	12.940	216	493332	54.902	ng		99
41) Hexachlorocyclopentadiene	12.916	237	723649	151.615	ng		97
43) 2,4,6-Trichlorophenol	13.175	196	308072	54.806	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	331535	49.625	ng	99
46) 1,1'-Biphenyl	13.575	154	1018969	50.599	ng	98
47) 2-Chloronaphthalene	13.622	162	807835	52.653	ng	99
48) 2-Nitroaniline	13.822	65	216882	49.651	ng	99
49) Acenaphthylene	14.463	152	1226810	50.726	ng	99
50) Dimethylphthalate	14.193	163	989194	48.790	ng	100
51) 2,6-Dinitrotoluene	14.310	165	215069	48.499	ng	97
52) Acenaphthene	14.804	154	742465	50.450	ng	100
53) 3-Nitroaniline	14.640	138	157455	34.716	ng	100
54) 2,4-Dinitrophenol	14.845	184	288224	97.657	ng	97
55) Dibenzofuran	15.134	168	1207690	49.319	ng	98
56) 4-Nitrophenol	14.940	139	363324	100.252	ng	87
57) 2,4-Dinitrotoluene	15.098	165	291451	48.819	ng	97
58) Fluorene	15.787	166	900792	46.915	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.357	232	306323	53.261	ng	100
60) Diethylphthalate	15.545	149	958750	48.494	ng	99
61) 4-Chlorophenyl-phenyle...	15.775	204	497510	47.823	ng	100
62) 4-Nitroaniline	15.804	138	197609	41.983	ng	86
63) Azobenzene	16.069	77	879244	49.156	ng	97
65) 4,6-Dinitro-2-methylph...	15.857	198	166711	45.689	ng	95
66) n-Nitrosodiphenylamine	15.987	169	803040	50.966	ng	100
67) 4-Bromophenyl-phenylether	16.675	248	330610	53.846	ng	100
68) Hexachlorobenzene	16.792	284	383595	57.234	ng	100
69) Atrazine	16.939	200	305870	56.937	ng	99
70) Pentachlorophenol	17.140	266	486747	98.505	ng	98
71) Phenanthrene	17.534	178	1456160	49.968	ng	100
72) Anthracene	17.628	178	1459175	50.076	ng	99
73) Carbazole	17.892	167	1311380	49.990	ng	99
74) Di-n-butylphthalate	18.422	149	1519169	49.427	ng	99
75) Fluoranthene	19.486	202	1801665	49.593	ng	99
77) Benzidine	19.663	184	1096065	98.041	ng	100
78) Pyrene	19.839	202	1892594	51.916	ng	99
80) Butylbenzylphthalate	20.692	149	670757	51.769	ng	99
81) Benzo(a)anthracene	21.551	228	1974547	51.689	ng	99
82) 3,3'-Dichlorobenzidine	21.475	252	598587	49.806	ng	100
83) Chrysene	21.610	228	1864254	50.376	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	1033161	51.145	ng	99
85) Di-n-octyl phthalate	22.422	149	1832720	50.915	ng	100
87) Indeno(1,2,3-cd)pyrene	26.804	276	2956054	56.259	ng	97
88) Benzo(b)fluoranthene	23.333	252	2238804	52.408	ng	99
89) Benzo(k)fluoranthene	23.386	252	2134952	49.235	ng	99
90) Benzo(a)pyrene	24.010	252	2006176	48.577	ng	98
91) Dibenzo(a,h)anthracene	26.827	278	2450938	55.673	ng	98
92) Benzo(g,h,i)perylene	27.639	276	2441418	56.084	ng	97

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

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