Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
Data File : BF132124.D
Acq On : 18 Jan 2023 18:20
Operator : CG\JU
Sample : PB150209BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 19 05:20:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 00:42:19 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB150209BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.101	152	211820	20.000	ng	0.00
21) Naphthalene-d8	8.384	136	777350	20.000	ng	0.00
39) Acenaphthene-d10	10.154	164	414470	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	803004	20.000	ng	0.00
76) Chrysene-d12	14.313	240	447181	20.000	ng	0.00
86) Perylene-d12	15.912	264	440435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	1406637	118.147	ng	0.02
7) Phenol-d6	6.719	99	1810727	117.727	ng	0.00
23) Nitrobenzene-d5	7.666	82	1251328	85.445	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	565823	124.773	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	1968902	82.652	ng	0.00
79) Terphenyl-d14	13.248	244	2331394	84.591	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.172	88	223520	35.846	ng	100
3) Pyridine	3.884	79	582480	34.886	ng	98
4) n-Nitrosodimethylamine	3.849	42	346440	42.935	ng	99
6) Aniline	6.760	93	724904m	33.705	ng	
8) 2-Chlorophenol	6.884	128	590835	46.627	ng	97
9) Benzaldehyde	6.648	77	227565	21.058	ng	97
10) Phenol	6.731	94	654457m	41.351	ng	
11) bis(2-Chloroethyl)ether	6.831	93	604108	44.884	ng	99
12) 1,3-Dichlorobenzene	7.042	146	625644	44.866	ng	100
13) 1,4-Dichlorobenzene	7.119	146	622504	44.598	ng	99
14) 1,2-Dichlorobenzene	7.272	146	597630	45.187	ng	98
15) Benzyl Alcohol	7.237	79	536207	43.860	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.366	45	895973	44.718	ng	99
17) 2-Methylphenol	7.337	107	471072	41.306	ng	98
18) Hexachloroethane	7.613	117	242405	47.119	ng	96
19) n-Nitroso-di-n-propyla...	7.513	70	396735	41.029	ng	99
20) 3+4-Methylphenols	7.489	107	575338	40.644	ng	97
22) Acetophenone	7.507	105	743534	41.465	ng	98
24) Nitrobenzene	7.684	77	648446	42.286	ng	100
25) Isophorone	7.919	82	1217698	41.556	ng	99
26) 2-Nitrophenol	7.995	139	295121	47.234	ng	100
27) 2,4-Dimethylphenol	8.025	122	529281	42.492	ng	99
28) bis(2-Chloroethoxy)met...	8.125	93	692219	41.195	ng	100
29) 2,4-Dichlorophenol	8.236	162	488655	41.864	ng	99
30) 1,2,4-Trichlorobenzene	8.325	180	548484	43.001	ng	98
31) Naphthalene	8.407	128	1549733	40.605	ng	99
32) Benzoic acid	8.142	122	394410	46.092	ng	94
33) 4-Chloroaniline	8.448	127	215209	12.843	ng	95
34) Hexachlorobutadiene	8.519	225	369273	43.901	ng	99
35) Caprolactam	8.825	113	163066m	42.992	ng	
36) 4-Chloro-3-methylphenol	8.925	107	509821	41.887	ng	100
37) 2-Methylnaphthalene	9.101	142	1041141	39.174	ng	99
38) 1-Methylnaphthalene	9.201	142	974065	39.008	ng	100
40) 1,2,4,5-Tetrachloroben...	9.266	216	548780	41.195	ng	99
41) Hexachlorocyclopentadiene	9.254	237	719162	101.588	ng	99
43) 2,4,6-Trichlorophenol	9.372	196	381519	44.562	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.413	196	425377	40.658	ng		98
46) 1,1'-Biphenyl	9.566	154	1267634	41.425	ng		100
47) 2-Chloronaphthalene	9.595	162	1007117	42.179	ng		99
48) 2-Nitroaniline	9.683	65	348933	42.867	ng		99
49) Acenaphthylene	10.013	152	1573975	40.679	ng		99
50) Dimethylphthalate	9.866	163	1231433	40.871	ng		100
51) 2,6-Dinitrotoluene	9.925	165	280982	43.838	ng		99
52) Acenaphthene	10.189	154	1061086	45.286	ng		99
53) 3-Nitroaniline	10.095	138	180835	26.650	ng		95
54) 2,4-Dinitrophenol	10.201	184	291380	106.998	ng	#	86
55) Dibenzofuran	10.360	168	1442307	40.006	ng		100
56) 4-Nitrophenol	10.248	139	430308	88.764	ng		85
57) 2,4-Dinitrotoluene	10.336	165	362211	45.752	ng		87
58) Fluorene	10.707	166	1072920	40.130	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.472	232	361682	43.922	ng		99
60) Diethylphthalate	10.566	149	1229991	40.769	ng		100
61) 4-Chlorophenyl-phenyle...	10.695	204	578335	40.244	ng		100
62) 4-Nitroaniline	10.725	138	256446	41.910	ng		95
63) Azobenzene	10.854	77	1178992	40.120	ng		99
65) 4,6-Dinitro-2-methylph...	10.742	198	187022	50.083	ng		99
66) n-Nitrosodiphenylamine	10.813	169	980411	40.682	ng		100
67) 4-Bromophenyl-phenylether	11.189	248	381459	41.819	ng		98
68) Hexachlorobenzene	11.254	284	409450	44.616	ng		99
69) Atrazine	11.336	200	364697	44.967	ng		99
70) Pentachlorophenol	11.448	266	503986	79.933	ng		99
71) Phenanthrene	11.677	178	1646058	41.466	ng		100
72) Anthracene	11.730	178	1650763	40.898	ng		100
73) Carbazole	11.877	167	1474533	41.867	ng		100
74) Di-n-butylphthalate	12.201	149	1849561	43.246	ng		100
75) Fluoranthene	12.877	202	1777723	41.807	ng		100
77) Benzidine	12.989	184	526274	43.704	ng		97
78) Pyrene	13.107	202	1799156	42.033	ng		100
80) Butylbenzylphthalate	13.719	149	704999	46.726	ng		100
81) Benzo(a)anthracene	14.301	228	1351971	43.257	ng		100
82) 3,3'-Dichlorobenzidine	14.260	252	232498	27.966	ng		99
83) Chrysene	14.342	228	1272121	43.297	ng		99
84) Bis(2-ethylhexyl)phtha...	14.277	149	949652	48.129	ng		98
85) Di-n-octyl phthalate	14.913	149	1460941	56.459	ng		99
87) Indeno(1,2,3-cd)pyrene	17.583	276	1351506	52.080	ng		100
88) Benzo(b)fluoranthene	15.430	252	1313797	47.414	ng		100
89) Benzo(k)fluoranthene	15.465	252	1185540	42.771	ng		100
90) Benzo(a)pyrene	15.842	252	1111294	44.364	ng		99
91) Dibenzo(a,h)anthracene	17.606	278	1086925	52.125	ng		99
92) Benzo(g,h,i)perylene	18.095	276	1152027	53.026	ng		99

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

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