Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136332.D
Acq On : 01 Dec 2023 12:08
Operator : CG\JU
Sample : PB157138BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 01 13:16:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157138BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/05/2023

12/04/2023
Supervised By :mohammad ahmed

12/05/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	138172	20.000	ng		0.00
21) Naphthalene-d8	8.087	136	613120	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	314144	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	537508	20.000	ng		0.00
76) Chrysene-d12	13.992	240	239799	20.000	ng		0.00
86) Perylene-d12	15.474	264	260106	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1123372	113.161	ng		0.02
7) Phenol-d6	6.451	99	1396891	112.537	ng		0.00
23) Nitrobenzene-d5	7.375	82	834223	71.900	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	429646	111.867	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	1757454	71.458	ng		0.00
79) Terphenyl-d14	12.933	244	1515189	72.884	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	117902	31.389	ng		95
3) Pyridine	3.440	79	286544	30.903	ng		95
4) n-Nitrosodimethylamine	3.405	42	165614	35.335	ng		92
6) Aniline	6.475	93	370899	31.614	ng		97
8) 2-Chlorophenol	6.598	128	443858	41.063	ng		91
9) Benzaldehyde	6.357	77	21281	3.076	ng		95
10) Phenol	6.463	94	521735	39.179	ng		98
11) bis(2-Chloroethyl)ether	6.551	93	392130	40.139	ng		94
12) 1,3-Dichlorobenzene	6.751	146	457547	37.300	ng		98
13) 1,4-Dichlorobenzene	6.828	146	472812	37.916	ng		99
14) 1,2-Dichlorobenzene	6.975	146	436032	36.935	ng		97
15) Benzyl Alcohol	6.957	79	351040	40.337	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	524518	38.654	ng		97
17) 2-Methylphenol	7.063	107	345119	40.612	ng		97
18) Hexachloroethane	7.316	117	162292	37.103	ng		94
19) n-Nitroso-di-n-propyla...	7.228	70	294841	39.715	ng		96
20) 3+4-Methylphenols	7.216	107	433947	39.292	ng		92
22) Acetophenone	7.216	105	603475	37.477	ng	#	97
24) Nitrobenzene	7.393	77	430430	36.608	ng		96
25) Isophorone	7.628	82	803835	38.422	ng		97
26) 2-Nitrophenol	7.704	139	224890	44.890	ng		97
27) 2,4-Dimethylphenol	7.745	122	348673	52.878	ng		95
28) bis(2-Chloroethoxy)met...	7.840	93	496230	39.213	ng		97
29) 2,4-Dichlorophenol	7.945	162	366254	41.180	ng		98
30) 1,2,4-Trichlorobenzene	8.028	180	403318	37.039	ng		100
31) Naphthalene	8.110	128	1306143	37.901	ng		98
32) Benzoic acid	7.881	122	258186	42.963	ng		99
33) 4-Chloroaniline	8.157	127	281700	24.048	ng		98
34) Hexachlorobutadiene	8.222	225	229672	36.052	ng		99
35) Caprolactam	8.534	113	105041m	42.247	ng		
36) 4-Chloro-3-methylphenol	8.645	107	385995	40.015	ng		98
37) 2-Methylnaphthalene	8.798	142	821414	37.997	ng		98
38) 1-Methylnaphthalene	8.898	142	785945	37.269	ng		94
40) 1,2,4,5-Tetrachloroben...	8.969	216	392956	39.305	ng		98
41) Hexachlorocyclopentadiene	8.951	237	386205	100.393	ng		96
43) 2,4,6-Trichlorophenol	9.081	196	264409	40.746	ng		94

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44) 2,4,5-Trichlorophenol	9.128	196	276311	39.018	ng		99
46) 1,1'-Biphenyl	9.269	154	1060605	38.285	ng		99
47) 2-Chloronaphthalene	9.292	162	803918	37.368	ng		98
48) 2-Nitroaniline	9.392	65	225322	40.115	ng	#	84
49) Acenaphthylene	9.710	152	1246747	40.609	ng		100
50) Dimethylphthalate	9.575	163	926871	39.037	ng		99
51) 2,6-Dinitrotoluene	9.634	165	196969	40.607	ng		99
52) Acenaphthene	9.881	154	736039	37.937	ng		98
53) 3-Nitroaniline	9.804	138	152525	31.690	ng		92
54) 2,4-Dinitrophenol	9.916	184	192406	85.288	ng	#	87
55) Dibenzofuran	10.057	168	1134050	39.281	ng		96
56) 4-Nitrophenol	9.969	139	266935	73.024	ng		93
57) 2,4-Dinitrotoluene	10.039	165	249344	38.483	ng		91
58) Fluorene	10.398	166	849552	37.515	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	226600	40.217	ng		99
60) Diethylphthalate	10.275	149	888217	37.397	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	415220	37.756	ng		99
62) 4-Nitroaniline	10.422	138	160308	34.027	ng		95
63) Azobenzene	10.551	77	818428	37.169	ng		96
65) 4,6-Dinitro-2-methylph...	10.451	198	127219	43.281	ng		84
66) n-Nitrosodiphenylamine	10.510	169	742811	43.123	ng		99
67) 4-Bromophenyl-phenylether	10.881	248	261383	41.682	ng		98
68) Hexachlorobenzene	10.945	284	294664	40.600	ng		95
69) Atrazine	11.045	200	204750	40.070	ng		98
70) Pentachlorophenol	11.139	266	263387	64.202	ng		98
71) Phenanthrene	11.363	178	1236491	40.929	ng		99
72) Anthracene	11.416	178	1229127	40.571	ng		99
73) Carbazole	11.569	167	947114	36.757	ng		99
74) Di-n-butylphthalate	11.904	149	1223653	37.955	ng		98
75) Fluoranthene	12.557	202	1038900	33.875	ng		97
77) Benzidine	12.680	184	94054	23.860	ng		99
78) Pyrene	12.786	202	1013296	38.584	ng		97
80) Butylbenzylphthalate	13.410	149	332815	40.719	ng		97
81) Benzo(a)anthracene	13.980	228	702269	39.428	ng		98
82) 3,3'-Dichlorobenzidine	13.945	252	205299	47.883	ng		97
83) Chrysene	14.016	228	673921	39.187	ng		98
84) Bis(2-ethylhexyl)phtha...	13.974	149	430367	43.874	ng		99
85) Di-n-octyl phthalate	14.592	149	780485	48.884	ng		100
87) Indeno(1,2,3-cd)pyrene	16.992	276	851352	44.023	ng		99
88) Benzo(b)fluoranthene	15.039	252	733295	40.184	ng		99
89) Benzo(k)fluoranthene	15.068	252	721501	41.629	ng		98
90) Benzo(a)pyrene	15.410	252	647045	43.374	ng		97
91) Dibenzo(a,h)anthracene	17.010	278	705136	45.347	ng		99
92) Benzo(g,h,i)perylene	17.451	276	679502	43.578	ng		99

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

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