Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
Data File : BF136337.D
Acq On : 01 Dec 2023 14:48
Operator : CG\JU
Sample : PB157140BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 01 15:48:55 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 :
PB157140BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

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	6.804	152	122405	20.000	ng		0.00
21) Naphthalene-d8	8.086	136	521753	20.000	ng		0.00
39) Acenaphthene-d10	9.845	164	263127	20.000	ng		0.00
64) Phenanthrene-d10	11.333	188	454025	20.000	ng		0.00
76) Chrysene-d12	13.986	240	199501	20.000	ng		0.00
86) Perylene-d12	15.468	264	240705	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	747315	84.976	ng		0.01
7) Phenol-d6	6.445	99	919964	83.662	ng		0.00
23) Nitrobenzene-d5	7.375	82	829448	84.007	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	272674	84.762	ng		0.00
45) 2-Fluorobiphenyl	9.169	172	1716553	83.327	ng		0.00
79) Terphenyl-d14	12.933	244	1472714	85.150	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	117267	35.241	ng		97
3) Pyridine	3.440	79	301037	36.648	ng		95
4) n-Nitrosodimethylamine	3.410	42	158429	38.156	ng		89
6) Aniline	6.475	93	394678	37.974	ng		95
8) 2-Chlorophenol	6.592	128	422053	44.075	ng		97
9) Benzaldehyde	6.363	77	153653	25.071	ng		95
10) Phenol	6.463	94	505441	42.845	ng		98
11) bis(2-Chloroethyl)ether	6.551	93	373782	43.190	ng		93
12) 1,3-Dichlorobenzene	6.751	146	441866	40.662	ng		98
13) 1,4-Dichlorobenzene	6.828	146	444752	40.260	ng		96
14) 1,2-Dichlorobenzene	6.975	146	420081	40.167	ng		96
15) Benzyl Alcohol	6.951	79	320836	41.615	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	505065	42.015	ng		96
17) 2-Methylphenol	7.063	107	327659	43.524	ng		99
18) Hexachloroethane	7.316	117	157234	40.577	ng		89
19) n-Nitroso-di-n-propyla...	7.222	70	281463	42.797	ng		97
20) 3+4-Methylphenols	7.216	107	414012	42.315	ng		93
22) Acetophenone	7.216	105	574714	41.941	ng	#	97
24) Nitrobenzene	7.392	77	412577	41.234	ng		91
25) Isophorone	7.628	82	767612	43.116	ng		98
26) 2-Nitrophenol	7.704	139	212871	49.932	ng		98
27) 2,4-Dimethylphenol	7.745	122	361572	64.437	ng		94
28) bis(2-Chloroethoxy)met...	7.839	93	478939	44.474	ng		99
29) 2,4-Dichlorophenol	7.945	162	349038	46.116	ng		98
30) 1,2,4-Trichlorobenzene	8.028	180	387468	41.814	ng		97
31) Naphthalene	8.110	128	1261520	43.016	ng		98
32) Benzoic acid	7.875	122	239529	46.838	ng		99
33) 4-Chloroaniline	8.157	127	185972	18.656	ng		97
34) Hexachlorobutadiene	8.222	225	222029	40.956	ng		99
35) Caprolactam	8.533	113	103670m	48.998	ng		
36) 4-Chloro-3-methylphenol	8.645	107	359188	43.757	ng		94
37) 2-Methylnaphthalene	8.798	142	796241	43.283	ng		97
38) 1-Methylnaphthalene	8.898	142	735594	40.989	ng		96
40) 1,2,4,5-Tetrachloroben...	8.963	216	369387	44.111	ng		98
41) Hexachlorocyclopentadiene	8.951	237	485711	150.739	ng		96
43) 2,4,6-Trichlorophenol	9.080	196	246730	45.394	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	264203	44.542	ng		100
46) 1,1'-Biphenyl	9.269	154	1012570	43.638	ng		98
47) 2-Chloronaphthalene	9.292	162	774177	42.963	ng		98
48) 2-Nitroaniline	9.386	65	210293	44.699	ng		90
49) Acenaphthylene	9.704	152	1161762	45.178	ng		99
50) Dimethylphthalate	9.575	163	889721	44.737	ng	#	99
51) 2,6-Dinitrotoluene	9.633	165	185279	45.603	ng		97
52) Acenaphthene	9.880	154	718293	44.201	ng		98
53) 3-Nitroaniline	9.798	138	117230	29.080	ng		99
54) 2,4-Dinitrophenol	9.910	184	178058	94.231	ng		99
55) Dibenzofuran	10.051	168	1056011	43.670	ng		99
56) 4-Nitrophenol	9.969	139	252640	82.513	ng		89
57) 2,4-Dinitrotoluene	10.039	165	239267	44.087	ng		95
58) Fluorene	10.398	166	808913	42.646	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	221040	46.836	ng		98
60) Diethylphthalate	10.274	149	848722	42.662	ng		98
61) 4-Chlorophenyl-phenyle...	10.386	204	396094	43.000	ng		95
62) 4-Nitroaniline	10.422	138	159862	40.512	ng		93
63) Azobenzene	10.551	77	773568	41.943	ng		95
65) 4,6-Dinitro-2-methylph...	10.445	198	124635	50.199	ng		95
66) n-Nitrosodiphenylamine	10.510	169	705387	48.481	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	250796	47.348	ng		96
68) Hexachlorobenzene	10.945	284	284020	46.329	ng		98
69) Atrazine	11.045	200	225732	52.299	ng		96
70) Pentachlorophenol	11.139	266	271652	78.392	ng		97
71) Phenanthrene	11.363	178	1169709	45.838	ng		99
72) Anthracene	11.416	178	1198588	46.838	ng		99
73) Carbazole	11.569	167	915519	42.064	ng		99
74) Di-n-butylphthalate	11.904	149	1188178	43.631	ng		99
75) Fluoranthene	12.551	202	1009622	38.973	ng		95
77) Benzidine	12.674	184	163995	50.007	ng		100
78) Pyrene	12.780	202	987040	45.176	ng		98
80) Butylbenzylphthalate	13.410	149	315866	46.452	ng		99
81) Benzo(a)anthracene	13.974	228	662129	44.683	ng		98
82) 3,3'-Dichlorobenzidine	13.945	252	157254	44.086	ng		96
83) Chrysene	14.015	228	645636	45.125	ng		98
84) Bis(2-ethylhexyl)phtha...	13.974	149	393574	48.228	ng	#	97
85) Di-n-octyl phthalate	14.592	149	732219	54.466	ng		99
87) Indeno(1,2,3-cd)pyrene	16.980	276	818873	45.651	ng		99
88) Benzo(b)fluoranthene	15.033	252	723772	42.858	ng		98
89) Benzo(k)fluoranthene	15.068	252	678183	42.283	ng		99
90) Benzo(a)pyrene	15.409	252	631140	45.718	ng		98
91) Dibenzo(a,h)anthracene	17.003	278	661235	45.915	ng		99
92) Benzo(g,h,i)perylene	17.445	276	650173	44.993	ng		99

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

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