Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
Data File : BF136653.D
Acq On : 20 Dec 2023 18:02
Operator : CG\JU
Sample : PB157610BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 21 02:18:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157610BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	94780	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	399053	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	204119	20.000	ng		0.00
64) Phenanthrene-d10	11.321	188	399930	20.000	ng		0.00
76) Chrysene-d12	13.974	240	206999	20.000	ng	#	0.00
86) Perylene-d12	15.445	264	158722	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	732060	120.513	ng		0.02
7) Phenol-d6	6.451	99	907978	115.356	ng		0.01
23) Nitrobenzene-d5	7.363	82	578708	74.208	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	272530	113.367	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1111200	73.219	ng		0.00
79) Terphenyl-d14	12.915	244	1149232	77.586	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	75855	29.970	ng		100
3) Pyridine	3.416	79	186202	30.152	ng		100
4) n-Nitrosodimethylamine	3.381	42	135894	41.208	ng		93
6) Aniline	6.463	93	210363	26.731	ng	#	1
8) 2-Chlorophenol	6.586	128	290018	43.628	ng		93
9) Benzaldehyde	6.345	77	75797	16.930	ng		96
10) Phenol	6.463	94	338576	40.295	ng		97
11) bis(2-Chloroethyl)ether	6.539	93	268741	42.057	ng		97
12) 1,3-Dichlorobenzene	6.734	146	277148	38.218	ng		99
13) 1,4-Dichlorobenzene	6.810	146	286930	38.724	ng		98
14) 1,2-Dichlorobenzene	6.963	146	268236	38.904	ng		97
15) Benzyl Alcohol	6.945	79	231914	43.674	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	436565	41.788	ng		95
17) 2-Methylphenol	7.057	107	229813	41.731	ng		97
18) Hexachloroethane	7.298	117	105859	39.338	ng		98
19) n-Nitroso-di-n-propyla...	7.216	70	196274	41.135	ng		99
20) 3+4-Methylphenols	7.210	107	276764	40.227	ng	#	82
22) Acetophenone	7.204	105	391711	39.162	ng	#	97
24) Nitrobenzene	7.381	77	295023	37.766	ng		97
25) Isophorone	7.616	82	550588	38.801	ng		99
26) 2-Nitrophenol	7.692	139	150810	40.350	ng		95
27) 2,4-Dimethylphenol	7.733	122	236957	52.075	ng		98
28) bis(2-Chloroethoxy)met...	7.828	93	336815	39.049	ng		99
29) 2,4-Dichlorophenol	7.933	162	231062	39.443	ng		98
30) 1,2,4-Trichlorobenzene	8.010	180	247549	37.927	ng		99
31) Naphthalene	8.092	128	827597	37.750	ng		100
32) Benzoic acid	7.886	122	180195	40.928	ng		99
33) 4-Chloroaniline	8.145	127	194547	24.035	ng		98
34) Hexachlorobutadiene	8.204	225	147784	37.266	ng		97
35) Caprolactam	8.533	113	76181m	39.420	ng		
36) 4-Chloro-3-methylphenol	8.639	107	263468	39.950	ng		98
37) 2-Methylnaphthalene	8.786	142	528821	37.481	ng		99
38) 1-Methylnaphthalene	8.886	142	504418	36.441	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	249781	39.513	ng		98
41) Hexachlorocyclopentadiene	8.933	237	197391	96.835	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	167418	41.296	ng		97

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44) 2,4,5-Trichlorophenol	9.122	196	184406	40.819	ng		98
46) 1,1'-Biphenyl	9.251	154	664476	38.793	ng		99
47) 2-Chloronaphthalene	9.275	162	501329	38.500	ng		98
48) 2-Nitroaniline	9.380	65	169628	41.599	ng		93
49) Acenaphthylene	9.692	152	809513	40.672	ng		100
50) Dimethylphthalate	9.563	163	603931	40.507	ng		99
51) 2,6-Dinitrotoluene	9.622	165	134399	39.720	ng		88
52) Acenaphthene	9.863	154	478254	38.764	ng		99
53) 3-Nitroaniline	9.792	138	118125	32.955	ng		96
54) 2,4-Dinitrophenol	9.904	184	157009	83.550	ng	#	85
55) Dibenzofuran	10.039	168	718058	38.394	ng		99
56) 4-Nitrophenol	9.969	139	207978	85.953	ng		95
57) 2,4-Dinitrotoluene	10.027	165	171910	39.136	ng		95
58) Fluorene	10.380	166	577019	38.884	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	155491	44.712	ng		99
60) Diethylphthalate	10.263	149	620364	40.103	ng		99
61) 4-Chlorophenyl-phenyle...	10.374	204	275669	38.219	ng		95
62) 4-Nitroaniline	10.416	138	124501m	36.031	ng		
63) Azobenzene	10.533	77	567207	39.257	ng		98
65) 4,6-Dinitro-2-methylph...	10.439	198	99527	43.424	ng		97
66) n-Nitrosodiphenylamine	10.498	169	522793	40.241	ng		100
67) 4-Bromophenyl-phenylether	10.863	248	172955	38.940	ng		95
68) Hexachlorobenzene	10.927	284	190368	38.461	ng		98
69) Atrazine	11.027	200	131169	39.475	ng		99
70) Pentachlorophenol	11.127	266	169891	73.638	ng		96
71) Phenanthrene	11.345	178	829283	40.412	ng		99
72) Anthracene	11.398	178	821138	39.512	ng		99
73) Carbazole	11.557	167	753746	38.469	ng		100
74) Di-n-butylphthalate	11.886	149	967301	40.458	ng		99
75) Fluoranthene	12.539	202	843310	38.420	ng		99
77) Benzidine	12.657	184	31421	5.148	ng		96
78) Pyrene	12.768	202	836254	41.153	ng		99
80) Butylbenzylphthalate	13.392	149	329227	44.526	ng		98
81) Benzo(a)anthracene	13.962	228	582377	40.517	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	163994	40.175	ng		99
83) Chrysene	13.998	228	566067	40.272	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	414917	44.600	ng		99
85) Di-n-octyl phthalate	14.568	149	650363	45.194	ng		99
87) Indeno(1,2,3-cd)pyrene	16.951	276	556248	48.538	ng		100
88) Benzo(b)fluoranthene	15.015	252	476593	44.957	ng		98
89) Benzo(k)fluoranthene	15.045	252	470726	46.992	ng		99
90) Benzo(a)pyrene	15.386	252	410925	45.921	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	471469	50.147	ng		97
92) Benzo(g,h,i)perylene	17.409	276	469447	48.752	ng		99

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

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