Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136525.D
Acq On : 12 Dec 2023 19:59
Operator : CG\JU
Sample : 05726-05MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 12 23:20:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-2MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	87446	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	317342	20.000	ng		0.00
39) Acenaphthene-d10	9.834	164	149084	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	244258	20.000	ng		0.00
76) Chrysene-d12	13.980	240	204123	20.000	ng		0.00
86) Perylene-d12	15.457	264	211921	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	464608	78.465	ng		0.00
7) Phenol-d6	6.440	99	557713	75.493	ng		0.00
23) Nitrobenzene-d5	7.357	82	333553	56.822	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	134346	73.085	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	635506	58.165	ng		-0.01
79) Terphenyl-d14	12.916	244	600791	38.794	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	87555	37.385	ng		97
3) Pyridine	3.375	79	199543	35.182	ng		94
4) n-Nitrosodimethylamine	3.340	42	94497	38.349	ng		98
6) Aniline	6.463	93	174266	23.341	ng		99
8) 2-Chlorophenol	6.587	128	241122	37.301	ng		97
9) Benzaldehyde	6.351	77	81443	19.084	ng		93
10) Phenol	6.451	94	280185	35.642	ng		99
11) bis(2-Chloroethyl)ether	6.534	93	214867	36.670	ng		97
12) 1,3-Dichlorobenzene	6.740	146	257876	35.473	ng		97
13) 1,4-Dichlorobenzene	6.816	146	263520	35.734	ng		99
14) 1,2-Dichlorobenzene	6.963	146	248756	35.872	ng		99
15) Benzyl Alcohol	6.940	79	183775	37.149	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	257801	34.208	ng		94
17) 2-Methylphenol	7.057	107	185797	35.577	ng		99
18) Hexachloroethane	7.304	117	86805	33.715	ng		99
19) n-Nitroso-di-n-propyla...	7.204	70	147178	34.536	ng		99
20) 3+4-Methylphenols	7.204	107	226164	34.890	ng	#	84
22) Acetophenone	7.204	105	322820	41.195	ng		99
24) Nitrobenzene	7.375	77	221146	37.449	ng		98
25) Isophorone	7.616	82	389772	36.958	ng		95
26) 2-Nitrophenol	7.692	139	115717	39.860	ng		94
27) 2,4-Dimethylphenol	7.734	122	170007	47.492	ng		98
28) bis(2-Chloroethoxy)met...	7.828	93	245748	37.921	ng		98
29) 2,4-Dichlorophenol	7.934	162	182053	38.530	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	208943	37.923	ng		95
31) Naphthalene	8.098	128	661487	37.799	ng		99
32) Benzoic acid	7.845	122	112538	31.691	ng		95
33) 4-Chloroaniline	8.145	127	75904	12.166	ng		99
34) Hexachlorobutadiene	8.210	225	120611	36.937	ng		96
35) Caprolactam	8.510	113	56362m	38.735	ng		
36) 4-Chloro-3-methylphenol	8.634	107	185886	37.052	ng		98
37) 2-Methylnaphthalene	8.787	142	411391	36.951	ng		93
38) 1-Methylnaphthalene	8.886	142	390786	35.770	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	198728	42.846	ng		99
41) Hexachlorocyclopentadiene	8.939	237	67202	39.109	ng		95
43) 2,4,6-Trichlorophenol	9.069	196	124018	41.065	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	128871	38.233	ng		96
46) 1,1'-Biphenyl	9.251	154	526248	41.484	ng		97
47) 2-Chloronaphthalene	9.275	162	387066	39.203	ng		97
48) 2-Nitroaniline	9.375	65	104344	39.404	ng		94
49) Acenaphthylene	9.692	152	599460	42.621	ng		99
50) Dimethylphthalate	9.557	163	438161	39.920	ng		99
51) 2,6-Dinitrotoluene	9.616	165	94301	38.189	ng		96
52) Acenaphthene	9.863	154	344987	38.277	ng		95
53) 3-Nitroaniline	9.786	138	63275	25.093	ng		97
54) 2,4-Dinitrophenol	9.898	184	23388	18.733	ng		97
55) Dibenzofuran	10.039	168	513053	38.966	ng		98
56) 4-Nitrophenol	9.957	139	138193	73.106	ng		98
57) 2,4-Dinitrotoluene	10.022	165	116734	35.736	ng		95
58) Fluorene	10.381	166	394956	37.368	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	100726	37.306	ng		99
60) Diethylphthalate	10.257	149	396566	36.742	ng		98
61) 4-Chlorophenyl-phenyle...	10.375	204	192560	37.372	ng		97
62) 4-Nitroaniline	10.398	138	76829	30.685	ng		92
63) Azobenzene	10.533	77	342139	34.827	ng		96
65) 4,6-Dinitro-2-methylph...	10.433	198	22118	14.621	ng		83
66) n-Nitrosodiphenylamine	10.492	169	338869	43.236	ng		98
67) 4-Bromophenyl-phenylether	10.863	248	115170	40.554	ng	#	91
68) Hexachlorobenzene	10.928	284	126429	38.519	ng		98
69) Atrazine	11.028	200	112488	50.285	ng		95
70) Pentachlorophenol	11.128	266	128945	69.608	ng		98
71) Phenanthrene	11.345	178	576165	42.916	ng		98
72) Anthracene	11.398	178	549418	40.630	ng		98
73) Carbazole	11.557	167	468863	39.175	ng		98
74) Di-n-butylphthalate	11.892	149	562894	38.365	ng		99
75) Fluoranthene	12.539	202	640501	45.525	ng		97
77) Benzidine	12.669	184	297383	52.577	ng		97
78) Pyrene	12.769	202	657902	32.910	ng		98
80) Butylbenzylphthalate	13.398	149	228854	32.159	ng		96
81) Benzo(a)anthracene	13.969	228	616620	43.368	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	194622	48.819	ng		99
83) Chrysene	14.004	228	596094	42.612	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	319209	36.589	ng		98
85) Di-n-octyl phthalate	14.580	149	595076	46.179	ng		98
87) Indeno(1,2,3-cd)pyrene	16.957	276	445386	30.252	ng		99
88) Benzo(b)fluoranthene	15.021	252	639216	44.116	ng		99
89) Benzo(k)fluoranthene	15.057	252	551623	40.397	ng		99
90) Benzo(a)pyrene	15.398	252	502678	42.008	ng		98
91) Dibenzo(a,h)anthracene	16.980	278	361441	29.967	ng		99
92) Benzo(g,h,i)perylene	17.415	276	333882	26.970	ng		97

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

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