Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
Data File : BF136130.D
Acq On : 03 Nov 2023 18:09
Operator : CG\JU
Sample : 05141-05MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 04 00:10:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PE-5MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	114786	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	417330	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	175922	20.000	ng		0.00
64) Phenanthrene-d10	11.351	188	283753	20.000	ng		0.00
76) Chrysene-d12	14.010	240	221126	20.000	ng		0.00
86) Perylene-d12	15.498	264	293658	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	561206	76.829	ng		0.00
7) Phenol-d6	6.457	99	688839	75.687	ng		0.00
23) Nitrobenzene-d5	7.381	82	427131	61.698	ng		-0.01
42) 2,4,6-Tribromophenol	10.651	330	151695	80.785	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	698960	63.336	ng		0.00
79) Terphenyl-d14	12.951	244	678838	47.707	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	116707	36.691	ng		98
3) Pyridine	3.393	79	272246	31.358	ng		99
4) n-Nitrosodimethylamine	3.363	42	140289	38.647	ng		93
6) Aniline	6.481	93	367911	31.223	ng		99
8) 2-Chlorophenol	6.604	128	322356	41.277	ng		99
9) Benzaldehyde	6.369	77	84033	16.559	ng		99
10) Phenol	6.469	94	365029m	38.778	ng		
11) bis(2-Chloroethyl)ether	6.557	93	296358	40.215	ng		96
12) 1,3-Dichlorobenzene	6.763	146	353528	43.494	ng		98
13) 1,4-Dichlorobenzene	6.840	146	358120	43.964	ng		99
14) 1,2-Dichlorobenzene	6.987	146	338100	44.389	ng		96
15) Benzyl Alcohol	6.963	79	253740	39.320	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	405818	40.007	ng		99
17) 2-Methylphenol	7.075	107	235945	35.614	ng		96
18) Hexachloroethane	7.328	117	128642	44.932	ng		97
19) n-Nitroso-di-n-propyla...	7.234	70	195474	37.590	ng		96
20) 3+4-Methylphenols	7.228	107	288360	35.694	ng		95
22) Acetophenone	7.228	105	408472	44.140	ng	#	89
24) Nitrobenzene	7.404	77	311564	44.492	ng		98
25) Isophorone	7.640	82	545127	41.709	ng		100
26) 2-Nitrophenol	7.716	139	158491	49.607	ng		95
27) 2,4-Dimethylphenol	7.757	122	225591	37.366	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	342236	42.737	ng		100
29) 2,4-Dichlorophenol	7.957	162	244600	42.975	ng		98
30) 1,2,4-Trichlorobenzene	8.040	180	279376	44.996	ng		99
31) Naphthalene	8.122	128	874598	43.459	ng		99
32) Benzoic acid	7.863	122	172504	36.981	ng		100
33) 4-Chloroaniline	8.169	127	245411	27.846	ng		99
34) Hexachlorobutadiene	8.240	225	167884	47.149	ng		99
35) Caprolactam	8.539	113	68693m	37.117	ng		
36) 4-Chloro-3-methylphenol	8.651	107	246625	41.274	ng		97
37) 2-Methylnaphthalene	8.816	142	552406	40.938	ng		100
38) 1-Methylnaphthalene	8.916	142	475732	37.884	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	239111	47.659	ng		98
41) Hexachlorocyclopentadiene	8.969	237	252485	94.197	ng		98
43) 2,4,6-Trichlorophenol	9.092	196	144981	44.320	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	153156	40.417	ng		98
46) 1,1'-Biphenyl	9.281	154	604499	45.075	ng		98
47) 2-Chloronaphthalene	9.304	162	454759	45.998	ng		98
48) 2-Nitroaniline	9.398	65	127550	43.594	ng		97
49) Acenaphthylene	9.722	152	692524	44.902	ng		99
50) Dimethylphthalate	9.586	163	491889	42.389	ng		99
51) 2,6-Dinitrotoluene	9.645	165	108927	43.889	ng		94
52) Acenaphthene	9.892	154	428017	43.655	ng		99
53) 3-Nitroaniline	9.810	138	93513	32.292	ng		94
54) 2,4-Dinitrophenol	9.922	184	94211	71.033	ng		97
55) Dibenzofuran	10.069	168	609484	42.631	ng		97
56) 4-Nitrophenol	9.975	139	168843	77.945	ng		87
57) 2,4-Dinitrotoluene	10.051	165	137611	43.823	ng		88
58) Fluorene	10.410	166	454545	42.464	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	123114	40.866	ng		98
60) Diethylphthalate	10.286	149	466939	42.115	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	227385	42.556	ng		96
62) 4-Nitroaniline	10.428	138	101344	36.343	ng		94
63) Azobenzene	10.563	77	431471	40.408	ng		98
65) 4,6-Dinitro-2-methylph...	10.457	198	62365	40.965	ng		99
66) n-Nitrosodiphenylamine	10.522	169	391507	45.738	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	139125	46.766	ng		95
68) Hexachlorobenzene	10.957	284	156071	49.121	ng	#	93
69) Atrazine	11.057	200	130200	55.905	ng		98
70) Pentachlorophenol	11.151	266	164980	80.852	ng		98
71) Phenanthrene	11.375	178	655064	45.850	ng		99
72) Anthracene	11.428	178	647221	44.209	ng		100
73) Carbazole	11.586	167	541989	42.603	ng		99
74) Di-n-butylphthalate	11.922	149	689238	47.413	ng		99
75) Fluoranthene	12.569	202	664728	45.290	ng		98
77) Benzidine	12.698	184	342357	79.434	ng		99
78) Pyrene	12.798	202	677171	34.735	ng		99
80) Butylbenzylphthalate	13.433	149	289003	41.413	ng		98
81) Benzo(a)anthracene	13.998	228	648140	44.274	ng		99
82) 3,3'-Dichlorobenzidine	13.969	252	221023	47.304	ng	#	98
83) Chrysene	14.039	228	629899	43.691	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	392525	48.279	ng		97
85) Di-n-octyl phthalate	14.621	149	773901	63.540	ng		100
87) Indeno(1,2,3-cd)pyrene	17.015	276	814820	42.456	ng		97
88) Benzo(b)fluoranthene	15.063	252	741194	42.656	ng		99
89) Benzo(k)fluoranthene	15.092	252	691594	40.226	ng		99
90) Benzo(a)pyrene	15.439	252	665829	41.240	ng		98
91) Dibenzo(a,h)anthracene	17.039	278	671908	42.739	ng		98
92) Benzo(g,h,i)perylene	17.480	276	614706	35.167	ng		97

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

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