Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101424\
Data File : BF139789.D
Acq On : 14 Oct 2024 15:27
Operator : RC/JU
Sample : PB164005BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 14 16:06:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB164005BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
10/15/2024
Supervised By :mohammad ahmed

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10/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	111722	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	446110	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	253965	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	467000	20.000	ng		0.00
76) Chrysene-d12	14.033	240	231133	20.000	ng		0.00
86) Perylene-d12	15.504	264	184553	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	849330	131.764	ng		0.02
7) Phenol-d6	6.510	99	1120853	129.306	ng		0.00
23) Nitrobenzene-d5	7.434	82	738163	83.776	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	302354	123.328	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1377003	83.238	ng		0.00
79) Terphenyl-d14	12.974	244	1438748	102.138	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.751	88	108600	38.969	ng		100
3) Pyridine	3.498	79	288223	42.525	ng		98
4) n-Nitrosodimethylamine	3.463	42	192451	43.380	ng		95
6) Aniline	6.528	93	336936	43.804	ng	#	61
8) 2-Chlorophenol	6.651	128	329049	47.647	ng		98
9) Benzaldehyde	6.416	77	89750	19.546	ng		98
10) Phenol	6.522	94	415931	45.633	ng		82
11) bis(2-Chloroethyl)ether	6.604	93	329805	44.440	ng		99
12) 1,3-Dichlorobenzene	6.804	146	337932	43.498	ng		99
13) 1,4-Dichlorobenzene	6.881	146	340080	43.221	ng		100
14) 1,2-Dichlorobenzene	7.034	146	327567	44.419	ng		98
15) Benzyl Alcohol	7.010	79	311195	46.986	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	575697	44.810	ng		66
17) 2-Methylphenol	7.122	107	264782	45.927	ng		98
18) Hexachloroethane	7.375	117	128308	43.718	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	248480	44.587	ng		97
20) 3+4-Methylphenols	7.281	107	325619	44.966	ng	#	89
22) Acetophenone	7.275	105	447132	42.225	ng		97
24) Nitrobenzene	7.451	77	374048	40.996	ng		99
25) Isophorone	7.686	82	686809	43.887	ng		100
26) 2-Nitrophenol	7.763	139	178942	45.621	ng		98
27) 2,4-Dimethylphenol	7.804	122	257389m	53.603	ng		
28) bis(2-Chloroethoxy)met...	7.892	93	407089	43.562	ng		99
29) 2,4-Dichlorophenol	8.010	162	280029	44.711	ng		98
30) 1,2,4-Trichlorobenzene	8.086	180	288919	40.791	ng		100
31) Naphthalene	8.169	128	968446	42.459	ng		100
32) Benzoic acid	7.939	122	200641	42.022	ng		98
33) 4-Chloroaniline	8.216	127	167730	21.725	ng		99
34) Hexachlorobutadiene	8.281	225	185294	40.425	ng		100
35) Caprolactam	8.598	113	92575m	45.065	ng		
36) 4-Chloro-3-methylphenol	8.710	107	312991	44.146	ng		98
37) 2-Methylnaphthalene	8.857	142	641303	43.170	ng		100
38) 1-Methylnaphthalene	8.957	142	596320	41.067	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	299055	42.406	ng		99
41) Hexachlorocyclopentadiene	9.010	237	309089	142.938	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	207795	43.708	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	219744	42.861	ng	98
46) 1,1'-Biphenyl	9.322	154	797496	42.220	ng	99
47) 2-Chloronaphthalene	9.351	162	597557	42.198	ng	99
48) 2-Nitroaniline	9.451	65	220565	43.390	ng	97
49) Acenaphthylene	9.769	152	982386	45.618	ng	100
50) Dimethylphthalate	9.627	163	743178	44.703	ng	100
51) 2,6-Dinitrotoluene	9.692	165	159360	42.434	ng	95
52) Acenaphthene	9.939	154	697532m	47.182	ng	
53) 3-Nitroaniline	9.863	138	117146	30.525	ng	97
54) 2,4-Dinitrophenol	9.975	184	163575	80.981	ng	96
55) Dibenzofuran	10.110	168	885622	42.785	ng	100
56) 4-Nitrophenol	10.033	139	231856	79.223	ng	97
57) 2,4-Dinitrotoluene	10.098	165	216509	44.106	ng	98
58) Fluorene	10.451	166	702306	42.598	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	183125	44.223	ng	96
60) Diethylphthalate	10.327	149	737373	42.942	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	347562	42.138	ng	98
62) 4-Nitroaniline	10.480	138	166017	42.291	ng	96
63) Azobenzene	10.604	77	740870	42.902	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	116722	44.254	ng	96
66) n-Nitrosodiphenylamine	10.563	169	621974	45.184	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	211021	44.071	ng	99
68) Hexachlorobenzene	10.998	284	229778	43.247	ng	99
69) Atrazine	11.092	200	204037	55.245	ng	99
70) Pentachlorophenol	11.198	266	241038	76.188	ng	99
71) Phenanthrene	11.416	178	983611	44.670	ng	100
72) Anthracene	11.469	178	1002854	46.037	ng	100
73) Carbazole	11.621	167	910888	43.537	ng	100
74) Di-n-butylphthalate	11.945	149	1142745	44.915	ng	100
75) Fluoranthene	12.604	202	1040031	43.208	ng	100
77) Benzidine	12.727	184	273138	66.996	ng	99
78) Pyrene	12.833	202	1043556	50.481	ng	99
80) Butylbenzylphthalate	13.445	149	399518	54.031	ng	98
81) Benzo(a)anthracene	14.021	228	692765	45.588	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	166364	35.772	ng	98
83) Chrysene	14.057	228	633864	45.624	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	503912	54.576	ng	99
85) Di-n-octyl phthalate	14.615	149	687698	50.698	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	456462	42.022	ng	99
88) Benzo(b)fluoranthene	15.074	252	493394	41.347	ng	100
89) Benzo(k)fluoranthene	15.104	252	457659	45.213	ng	99
90) Benzo(a)pyrene	15.439	252	430490	45.753	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	349793	38.825	ng	99
92) Benzo(g,h,i)perylene	17.433	276	358357	39.661	ng	99

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

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