Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
Data File : BF133092.D
Acq On : 27 Apr 2023 11:14
Operator : CG\JU
Sample : PB152384BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 28 02:04:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:00:53 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152384BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	210908	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	850691	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	443617	20.000	ng		0.00
64) Phenanthrene-d10	11.257	188	808689	20.000	ng		0.00
76) Chrysene-d12	13.898	240	565734	20.000	ng		0.00
86) Perylene-d12	15.316	264	518473	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	1435940	102.848	ng		0.02
7) Phenol-d6	6.387	99	1765195	101.861	ng		0.00
23) Nitrobenzene-d5	7.304	82	1066587	67.676	ng		0.00
42) 2,4,6-Tribromophenol	10.569	330	475202	106.514	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	1873680	70.662	ng		0.00
79) Terphenyl-d14	12.845	244	2139665	65.229	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.499	88	257795	39.808	ng		96
3) Pyridine	3.193	79	633305	36.820	ng		96
4) n-Nitrosodimethylamine	3.152	42	333121	37.391	ng		94
6) Aniline	6.398	93	761321	34.110	ng	#	18
8) 2-Chlorophenol	6.528	128	622175	43.890	ng		96
9) Benzaldehyde	6.281	77	341589	44.378	ng		98
10) Phenol	6.398	94	772939	40.431	ng	#	72
11) bis(2-Chloroethyl)ether	6.475	93	596727	41.595	ng		99
12) 1,3-Dichlorobenzene	6.681	146	668649	44.365	ng		97
13) 1,4-Dichlorobenzene	6.757	146	672578	44.527	ng		98
14) 1,2-Dichlorobenzene	6.910	146	620801	44.580	ng		97
15) Benzyl Alcohol	6.887	79	498207	41.619	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	964395	38.704	ng		94
17) 2-Methylphenol	7.004	107	559252	43.084	ng		97
18) Hexachloroethane	7.251	117	231396	44.063	ng		99
19) n-Nitroso-di-n-propyla...	7.163	70	416793	38.633	ng		94
20) 3+4-Methylphenols	7.157	107	633513	41.442	ng	#	88
22) Acetophenone	7.151	105	861719	43.729	ng	#	97
24) Nitrobenzene	7.328	77	650856	40.754	ng		96
25) Isophorone	7.563	82	1210790	40.463	ng		99
26) 2-Nitrophenol	7.640	139	367090	47.656	ng		95
27) 2,4-Dimethylphenol	7.687	122	592832	44.883	ng		99
28) bis(2-Chloroethoxy)met...	7.781	93	716154	40.455	ng		100
29) 2,4-Dichlorophenol	7.887	162	528470	43.950	ng		99
30) 1,2,4-Trichlorobenzene	7.969	180	551372	44.262	ng		98
31) Naphthalene	8.045	128	1797835	42.270	ng		99
32) Benzoic acid	7.822	122	435460	53.373	ng		96
33) 4-Chloroaniline	8.092	127	361657	21.045	ng		99
34) Hexachlorobutadiene	8.163	225	295994	42.871	ng		100
35) Caprolactam	8.475	113	194355m	48.115	ng		
36) 4-Chloro-3-methylphenol	8.581	107	578194	44.591	ng		98
37) 2-Methylnaphthalene	8.739	142	1184084	40.721	ng		98
38) 1-Methylnaphthalene	8.834	142	1176244	43.241	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	496064	41.590	ng		100
41) Hexachlorocyclopentadiene	8.892	237	672270	96.643	ng		99
43) 2,4,6-Trichlorophenol	9.016	196	352429	42.725	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.057	196	390781	40.963	ng		99
46)	1,1'-Biphenyl	9.204	154	1470476	41.802	ng		98
47)	2-Chloronaphthalene	9.222	162	1104337	42.892	ng		99
48)	2-Nitroaniline	9.322	65	347691	40.860	ng		95
49)	Acenaphthylene	9.639	152	1708354	41.525	ng		100
50)	Dimethylphthalate	9.504	163	1281480	41.428	ng		99
51)	2,6-Dinitrotoluene	9.563	165	308715	44.342	ng		93
52)	Acenaphthene	9.810	154	1264266m	45.884	ng		
53)	3-Nitroaniline	9.734	138	252155	30.460	ng		94
54)	2,4-Dinitrophenol	9.839	184	370370	105.835	ng		97
55)	Dibenzofuran	9.986	168	1534243	40.820	ng		98
56)	4-Nitrophenol	9.904	139	579557	90.393	ng		95
57)	2,4-Dinitrotoluene	9.969	165	405280	45.647	ng		90
58)	Fluorene	10.328	166	1140967	41.434	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.104	232	323672	43.764	ng		98
60)	Diethylphthalate	10.204	149	1197139	40.973	ng		99
61)	4-Chlorophenyl-phenyle...	10.316	204	550744	41.041	ng		96
62)	4-Nitroaniline	10.351	138	354721	46.622	ng		95
63)	Azobenzene	10.481	77	1205997	38.964	ng		95
65)	4,6-Dinitro-2-methylph...	10.375	198	241897	49.350	ng		84
66)	n-Nitrosodiphenylamine	10.439	169	1059065	40.373	ng		99
67)	4-Bromophenyl-phenylether	10.804	248	355948	40.584	ng		96
68)	Hexachlorobenzene	10.875	284	396834	44.155	ng		98
69)	Atrazine	10.969	200	348260	46.075	ng		97
70)	Pentachlorophenol	11.069	266	492840	76.998	ng		98
71)	Phenanthrene	11.286	178	1768693	40.693	ng		100
72)	Anthracene	11.339	178	1818665	40.886	ng		100
73)	Carbazole	11.492	167	1665681	42.055	ng		99
74)	Di-n-butylphthalate	11.828	149	1884611	42.046	ng		99
75)	Fluoranthene	12.469	202	1860656	42.654	ng		98
77)	Benzidine	12.592	184	1028369	107.493	ng	#	93
78)	Pyrene	12.698	202	1913657	39.460	ng		99
80)	Butylbenzylphthalate	13.322	149	814856	47.454	ng		100
81)	Benzo(a)anthracene	13.886	228	1567028	40.280	ng		99
82)	3,3'-Dichlorobenzidine	13.851	252	371851	34.600	ng		97
83)	Chrysene	13.922	228	1573810	40.464	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.886	149	923213	42.834	ng		98
85)	Di-n-octyl phthalate	14.492	149	1727080	49.143	ng		96
87)	Indeno(1,2,3-cd)pyrene	16.698	276	1357661	46.035	ng		100
88)	Benzo(b)fluoranthene	14.910	252	1561245	47.332	ng		98
89)	Benzo(k)fluoranthene	14.939	252	1299101	39.731	ng		99
90)	Benzo(a)pyrene	15.257	252	1212286	40.379	ng		99
91)	Dibenzo(a,h)anthracene	16.715	278	1108569	45.068	ng		99
92)	Benzo(g,h,i)perylene	17.115	276	1137014	46.821	ng		99

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

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