Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
Data File : BF133192.D
Acq On : 02 May 2023 16:50
Operator : CG\JU
Sample : 02568-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 03 06:19:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 04:52:44 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
72-11938MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	204225	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	829590	20.000	ng		0.00
39) Acenaphthene-d10	9.769	164	438769	20.000	ng		0.00
64) Phenanthrene-d10	11.251	188	763864	20.000	ng		0.00
76) Chrysene-d12	13.886	240	383390	20.000	ng		0.00
86) Perylene-d12	15.304	264	395762	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1405515	103.963	ng		0.01
7) Phenol-d6	6.381	99	1706390	101.690	ng		0.00
23) Nitrobenzene-d5	7.298	82	1052420	68.475	ng		0.00
42) 2,4,6-Tribromophenol	10.563	330	436316	98.878	ng		0.00
45) 2-Fluorobiphenyl	9.092	172	1816192	69.250	ng		0.00
79) Terphenyl-d14	12.839	244	1841110	82.822	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	278056	44.342	ng		97
3) Pyridine	3.169	79	695776	41.775	ng		97
4) n-Nitrosodimethylamine	3.134	42	383974	44.509	ng		95
6) Aniline	6.392	93	760504	35.188	ng	#	23
8) 2-Chlorophenol	6.516	128	681151	49.623	ng		98
9) Benzaldehyde	6.275	77	379572	56.146	ng		97
10) Phenol	6.392	94	815486	44.052	ng		76
11) bis(2-Chloroethyl)ether	6.469	93	645583	46.473	ng		99
12) 1,3-Dichlorobenzene	6.675	146	717685	49.177	ng		97
13) 1,4-Dichlorobenzene	6.751	146	716608	48.995	ng		97
14) 1,2-Dichlorobenzene	6.904	146	690582	51.213	ng		99
15) Benzyl Alcohol	6.881	79	579138	49.963	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1061418	43.992	ng		96
17) 2-Methylphenol	6.998	107	557469	44.352	ng		98
18) Hexachloroethane	7.245	117	252394	49.634	ng		99
19) n-Nitroso-di-n-propyla...	7.157	70	442567	42.364	ng		94
20) 3+4-Methylphenols	7.151	107	668544	45.165	ng	#	85
22) Acetophenone	7.145	105	906623	47.178	ng		97
24) Nitrobenzene	7.316	77	696428	44.717	ng		98
25) Isophorone	7.557	82	1324660	45.394	ng		98
26) 2-Nitrophenol	7.633	139	383599	51.066	ng		97
27) 2,4-Dimethylphenol	7.681	122	611898	47.505	ng		99
28) bis(2-Chloroethoxy)met...	7.769	93	797347	46.188	ng		99
29) 2,4-Dichlorophenol	7.880	162	568224	48.458	ng		99
30) 1,2,4-Trichlorobenzene	7.957	180	580585	47.793	ng		100
31) Naphthalene	8.039	128	1905606	45.944	ng		98
32) Benzoic acid	7.816	122	487663m	61.292	ng		
33) 4-Chloroaniline	8.086	127	305287	18.217	ng		99
34) Hexachlorobutadiene	8.157	225	317118	47.099	ng		98
35) Caprolactam	8.469	113	210592m	53.461	ng		
36) 4-Chloro-3-methylphenol	8.580	107	621806	49.174	ng		96
37) 2-Methylnaphthalene	8.728	142	1268119	44.720	ng		99
38) 1-Methylnaphthalene	8.828	142	1203718	45.377	ng		100
40) 1,2,4,5-Tetrachloroben...	8.898	216	524153	44.430	ng		99
41) Hexachlorocyclopentadiene	8.886	237	620522	90.189	ng		98
43) 2,4,6-Trichlorophenol	9.010	196	388722	47.646	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	420249	44.538	ng		99
46) 1,1'-Biphenyl	9.192	154	1575424	45.281	ng		99
47) 2-Chloronaphthalene	9.216	162	1180787	46.368	ng		98
48) 2-Nitroaniline	9.316	65	383976	45.623	ng		96
49) Acenaphthylene	9.633	152	1815924	44.628	ng		99
50) Dimethylphthalate	9.498	163	1420798	46.440	ng		100
51) 2,6-Dinitrotoluene	9.557	165	339679	49.329	ng		95
52) Acenaphthene	9.804	154	1369624m	50.257	ng		
53) 3-Nitroaniline	9.727	138	275266	33.620	ng		97
54) 2,4-Dinitrophenol	9.833	184	383928	110.922	ng		96
55) Dibenzofuran	9.980	168	1650782	44.406	ng		100
56) 4-Nitrophenol	9.898	139	597910	94.286	ng		92
57) 2,4-Dinitrotoluene	9.963	165	433572	49.373	ng		94
58) Fluorene	10.322	166	1216872	44.679	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.098	232	344571	47.104	ng		98
60) Diethylphthalate	10.198	149	1319993	45.677	ng		100
61) 4-Chlorophenyl-phenyle...	10.310	204	586057	44.155	ng		96
62) 4-Nitroaniline	10.345	138	369135	49.053	ng		98
63) Azobenzene	10.474	77	1536757	50.199	ng		96
65) 4,6-Dinitro-2-methylph...	10.374	198	255655	55.218	ng		99
66) n-Nitrosodiphenylamine	10.433	169	1117089	45.084	ng		100
67) 4-Bromophenyl-phenylether	10.798	248	380000	45.869	ng		94
68) Hexachlorobenzene	10.869	284	409655	48.257	ng		98
69) Atrazine	10.963	200	387586	54.287	ng		98
70) Pentachlorophenol	11.063	266	473187	78.266	ng		97
71) Phenanthrene	11.280	178	1994230	48.574	ng		99
72) Anthracene	11.333	178	1921159	45.725	ng		100
73) Carbazole	11.486	167	1715838	45.863	ng		99
74) Di-n-butylphthalate	11.821	149	2078180	49.086	ng		99
75) Fluoranthene	12.463	202	2071940	50.285	ng		100
77) Benzidine	12.586	184	798562	123.172	ng	#	93
78) Pyrene	12.692	202	2032002	61.828	ng		99
80) Butylbenzylphthalate	13.315	149	769131	66.095	ng		98
81) Benzo(a)anthracene	13.874	228	1295974	49.156	ng		99
82) 3,3'-Dichlorobenzidine	13.839	252	339090	46.558	ng	#	99
83) Chrysene	13.915	228	1305991	49.548	ng		100
84) Bis(2-ethylhexyl)phtha...	13.874	149	860521	58.914	ng	#	99
85) Di-n-octyl phthalate	14.486	149	1409019	59.162	ng		97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1454566	64.614	ng		99
88) Benzo(b)fluoranthene	14.904	252	1257099	49.929	ng		99
89) Benzo(k)fluoranthene	14.933	252	1142545	45.778	ng		99
90) Benzo(a)pyrene	15.251	252	1100498	48.021	ng		99
91) Dibenzo(a,h)anthracene	16.709	278	1175453	62.604	ng		99
92) Benzo(g,h,i)perylene	17.115	276	1196324	64.538	ng		98

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

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