Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
Data File : BF129416.D
Acq On : 28 Jul 2022 19:11
Operator : CG\JU
Sample : N3895-18MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 29 02:09:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RVE-56MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/29/2022
Supervised By :Jagrut Upadhyay 07/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	203721	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	825369	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	422521	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	651936	20.000	ng	#	0.00
76) Chrysene-d12	14.063	240	364463	20.000	ng		0.00
86) Perylene-d12	15.551	264	393780	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1511161	120.836	ng		0.02
7) Phenol-d6	6.528	99	1936878	123.218	ng		0.01
23) Nitrobenzene-d5	7.451	82	1253853	82.928	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	489480	120.496	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2166377	79.316	ng		0.00
79) Terphenyl-d14	13.004	244	1793657	92.846	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.752	88	241948	42.880	ng		89
3) Pyridine	3.528	79	631335	40.291	ng		92
4) n-Nitrosodimethylamine	3.481	42	333613	48.485	ng	#	94
6) Aniline	6.551	93	727385	37.222	ng		97
8) 2-Chlorophenol	6.675	128	695647	50.915	ng		96
9) Benzaldehyde	6.440	77	337740	31.639	ng		99
10) Phenol	6.540	94	816677m	48.787	ng		
11) bis(2-Chloroethyl)ether	6.622	93	660299	49.738	ng		93
12) 1,3-Dichlorobenzene	6.828	146	710382	48.479	ng		97
13) 1,4-Dichlorobenzene	6.904	146	717778	48.164	ng		99
14) 1,2-Dichlorobenzene	7.051	146	689309	50.321	ng		97
15) Benzyl Alcohol	7.034	79	592217	51.947	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	948077	47.510	ng		86
17) 2-Methylphenol	7.145	107	550892	48.602	ng		96
18) Hexachloroethane	7.392	117	276573	49.287	ng	#	88
19) n-Nitroso-di-n-propyla...	7.304	70	463229	48.678	ng		91
20) 3+4-Methylphenols	7.298	107	645077	44.761	ng	#	82
22) Acetophenone	7.298	105	909941	47.353	ng	#	92
24) Nitrobenzene	7.475	77	719836	46.233	ng		93
25) Isophorone	7.710	82	1325057	48.891	ng		99
26) 2-Nitrophenol	7.787	139	371735	48.397	ng		96
27) 2,4-Dimethylphenol	7.828	122	624303m	54.185	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	815263	51.854	ng		99
29) 2,4-Dichlorophenol	8.028	162	556564	46.802	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	571133	46.399	ng		97
31) Naphthalene	8.192	128	1896321	45.222	ng		99
32) Benzoic acid	7.957	122	319893	38.406	ng		98
33) 4-Chloroaniline	8.239	127	367573	21.350	ng		98
34) Hexachlorobutadiene	8.304	225	335709	47.980	ng		99
35) Caprolactam	8.628	113	179722m	46.485	ng		
36) 4-Chloro-3-methylphenol	8.734	107	606954	48.122	ng		95
37) 2-Methylnaphthalene	8.881	142	1259873	46.232	ng		99
38) 1-Methylnaphthalene	8.981	142	1194034	45.389	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	540948	48.758	ng		98
41) Hexachlorocyclopentadiene	9.034	237	532937	107.876	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	377196	46.810	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	398442	45.469	ng	#	94
46) 1,1'-Biphenyl	9.351	154	1488595	48.275	ng		98
47) 2-Chloronaphthalene	9.375	162	1166910	46.812	ng		99
48) 2-Nitroaniline	9.475	65	377840	45.583	ng		94
49) Acenaphthylene	9.792	152	1753624	46.298	ng		99
50) Dimethylphthalate	9.651	163	1385547	47.502	ng		100
51) 2,6-Dinitrotoluene	9.716	165	309641	47.430	ng		97
52) Acenaphthene	9.963	154	1234792m	49.912	ng		
53) 3-Nitroaniline	9.886	138	240511	31.199	ng	#	97
54) 2,4-Dinitrophenol	9.998	184	284695	85.424	ng		89
55) Dibenzofuran	10.133	168	1583543	46.433	ng		95
56) 4-Nitrophenol	10.063	139	454900	79.986	ng		99
57) 2,4-Dinitrotoluene	10.122	165	396277	46.466	ng		99
58) Fluorene	10.480	166	1234706	45.249	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	291670	43.070	ng		91
60) Diethylphthalate	10.351	149	1339868	47.519	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	568599	47.266	ng		92
62) 4-Nitroaniline	10.510	138	292993	38.313	ng		97
63) Azobenzene	10.628	77	1290497	44.872	ng		96
65) 4,6-Dinitro-2-methylph...	10.533	198	181561	44.123	ng		84
66) n-Nitrosodiphenylamine	10.592	169	1074285	49.481	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	364553	51.066	ng		90
68) Hexachlorobenzene	11.027	284	389902	50.406	ng		97
69) Atrazine	11.116	200	336845	51.079	ng		96
70) Pentachlorophenol	11.227	266	353044	83.956	ng		100
71) Phenanthrene	11.445	178	1631809	45.853	ng		99
72) Anthracene	11.498	178	1650056	47.182	ng		100
73) Carbazole	11.651	167	1434928	43.587	ng		99
74) Di-n-butylphthalate	11.974	149	1895315	48.344	ng		100
75) Fluoranthene	12.633	202	1470867	40.792	ng		99
77) Benzidine	12.757	184	326903	25.389	ng		99
78) Pyrene	12.863	202	1436736	47.141	ng		100
80) Butylbenzylphthalate	13.474	149	661738	50.058	ng		95
81) Benzo(a)anthracene	14.051	228	1164774	46.785	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	289915	35.269	ng		97
83) Chrysene	14.092	228	1080565	46.052	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	902881	51.878	ng		99
85) Di-n-octyl phthalate	14.645	149	1449415	57.873	ng		97
87) Indeno(1,2,3-cd)pyrene	17.074	276	1202960	45.365	ng		99
88) Benzo(b)fluoranthene	15.115	252	1309059	50.116	ng		99
89) Benzo(k)fluoranthene	15.145	252	1061985	41.488	ng		99
90) Benzo(a)pyrene	15.492	252	1065243	50.238	ng		98
91) Dibenzo(a,h)anthracene	17.086	278	1028883	47.671	ng		98
92) Benzo(g,h,i)perylene	17.539	276	997898	45.248	ng		99

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

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