Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
Data File : BF129229.D
Acq On : 15 Jul 2022 09:29
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jul 15 10:56:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 10:55:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	330397	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	1351160	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	717289	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	1189993	20.000	ng	#	0.00
76) Chrysene-d12	14.068	240	870286	20.000	ng	#	0.00
86) Perylene-d12	15.557	264	713701	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	454478	21.686	ng		0.00
7) Phenol-d6	6.510	99	581112	21.729	ng		-0.02
23) Nitrobenzene-d5	7.457	82	516535	20.264	ng		-0.01
42) 2,4,6-Tribromophenol	10.722	330	143176	22.174	ng		-0.01
45) 2-Fluorobiphenyl	9.251	172	991335	21.359	ng		-0.01
79) Terphenyl-d14	13.010	244	983880	22.695	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	93617	9.654	ng		93
3) Pyridine	3.516	79	235355	9.589	ng		91
4) n-Nitrosodimethylamine	3.434	42	112427	9.216	ng		91
6) Aniline	6.557	93	328508	10.557	ng		99
8) 2-Chlorophenol	6.681	128	237178	10.948	ng		94
9) Benzaldehyde	6.445	77	180191	12.105	ng		96
10) Phenol	6.528	94	286625	10.086	ng		89
11) bis(2-Chloroethyl)ether	6.628	93	231944	10.839	ng		93
12) 1,3-Dichlorobenzene	6.834	146	249380	10.780	ng		100
13) 1,4-Dichlorobenzene	6.916	146	258202	11.096	ng		98
14) 1,2-Dichlorobenzene	7.069	146	249182	11.178	ng		98
15) Benzyl Alcohol	7.034	79	182528	9.897	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	374618	10.817	ng		95
17) 2-Methylphenol	7.140	107	187249	10.519	ng		98
18) Hexachloroethane	7.410	117	92004	10.475	ng		91
19) n-Nitroso-di-n-propyla...	7.298	70	173883	11.360	ng		98
20) 3+4-Methylphenols	7.292	107	252092	11.438	ng		96
22) Acetophenone	7.304	105	343151	10.970	ng	#	95
24) Nitrobenzene	7.475	77	245320	10.138	ng		96
25) Isophorone	7.710	82	432143	10.271	ng		98
26) 2-Nitrophenol	7.792	139	118000	10.276	ng		95
27) 2,4-Dimethylphenol	7.822	122	190356	10.246	ng		96
28) bis(2-Chloroethoxy)met...	7.922	93	298503	10.763	ng		97
29) 2,4-Dichlorophenol	8.028	162	189790	10.286	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	206319	10.675	ng		97
31) Naphthalene	8.204	128	692828	10.855	ng		99
32) Benzoic acid	7.898	122	124730	8.554	ng		97
33) 4-Chloroaniline	8.245	127	281154	10.756	ng		98
34) Hexachlorobutadiene	8.316	225	115360	10.749	ng		99
35) Caprolactam	8.592	113	60645	9.901	ng	#	82
36) 4-Chloro-3-methylphenol	8.722	107	207334	10.266	ng		90
37) 2-Methylnaphthalene	8.892	142	452766	11.045	ng		98
38) 1-Methylnaphthalene	8.992	142	439546	11.069	ng		98
40) 1,2,4,5-Tetrachloroben...	9.057	216	193332	10.620	ng		98
41) Hexachlorocyclopentadiene	9.045	237	84135	9.322	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	134528	9.932	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	145174	10.530	ng		95
46) 1,1'-Biphenyl	9.357	154	563282	10.880	ng		98
47) 2-Chloronaphthalene	9.381	162	436086	10.740	ng		96
48) 2-Nitroaniline	9.475	65	131425	9.564	ng		95
49) Acenaphthylene	9.798	152	653336	10.802	ng		99
50) Dimethylphthalate	9.651	163	493860	10.721	ng		99
51) 2,6-Dinitrotoluene	9.716	165	101604	10.244	ng		98
52) Acenaphthene	9.969	154	424149	10.822	ng		99
53) 3-Nitroaniline	9.886	138	119713	9.936	ng	#	90
54) 2,4-Dinitrophenol	9.986	184	45880	8.584	ng		95
55) Dibenzofuran	10.139	168	613754	11.028	ng		99
56) 4-Nitrophenol	10.033	139	92145	9.665	ng		96
57) 2,4-Dinitrotoluene	10.116	165	136306	10.560	ng		97
58) Fluorene	10.486	166	477058	11.258	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	112666	10.731	ng		94
60) Diethylphthalate	10.351	149	487378	10.988	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	219937	11.386	ng		93
62) 4-Nitroaniline	10.492	138	119690	10.073	ng		92
63) Azobenzene	10.633	77	517071	10.740	ng		93
65) 4,6-Dinitro-2-methylph...	10.522	198	70833	9.623	ng		92
66) n-Nitrosodiphenylamine	10.592	169	414708	11.004	ng		98
67) 4-Bromophenyl-phenylether	10.969	248	136150	11.231	ng		95
68) Hexachlorobenzene	11.033	284	141633	11.032	ng		96
69) Atrazine	11.116	200	117940	11.645	ng		98
70) Pentachlorophenol	11.222	266	78075	10.529	ng		96
71) Phenanthrene	11.451	178	682447	11.398	ng		98
72) Anthracene	11.498	178	675733	11.364	ng		99
73) Carbazole	11.651	167	662371	10.994	ng		98
74) Di-n-butylphthalate	11.980	149	781767	11.963	ng		99
75) Fluoranthene	12.639	202	676193	11.083	ng		96
77) Benzidine	12.757	184	248974	13.177	ng		100
78) Pyrene	12.869	202	701329	10.510	ng		97
80) Butylbenzylphthalate	13.480	149	306202	10.676	ng		99
81) Benzo(a)anthracene	14.057	228	573223	10.438	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	143202	11.048	ng	#	97
83) Chrysene	14.092	228	553500	10.649	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	436387	11.571	ng		99
85) Di-n-octyl phthalate	14.651	149	645069	11.122	ng		99
87) Indeno(1,2,3-cd)pyrene	17.057	276	377155	8.584	ng		97
88) Benzo(b)fluoranthene	15.115	252	443108	10.146	ng		98
89) Benzo(k)fluoranthene	15.145	252	481604	11.399	ng		98
90) Benzo(a)pyrene	15.492	252	362375	10.113	ng		98
91) Dibenzo(a,h)anthracene	17.074	278	313111	8.888	ng		97
92) Benzo(g,h,i)perylene	17.509	276	292164	8.050	ng	#	94

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

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