Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030422\
Data File : BF127199.D
Acq On : 04 Mar 2022 14:25
Operator : CG\JU
Sample : N1790-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 05 02:19:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 02:16:58 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
DUM-17MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	90647	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	385855	20.000	ng	#	0.00
39) Acenaphthene-d10	9.922	164	197276	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	372402	20.000	ng	#	0.00
76) Chrysene-d12	14.062	240	231810	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	169169	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	532883	90.859	ng		0.01
7) Phenol-d6	6.516	99	705663	89.168	ng		0.00
23) Nitrobenzene-d5	7.445	82	507874	59.411	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	238982	105.215	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	861622	64.298	ng		0.00
79) Terphenyl-d14	12.998	244	980249	62.163	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.751	88	120922	45.057	ng		98
3) Pyridine	3.504	79	320224	45.491	ng		96
4) n-Nitrosodimethylamine	3.481	42	169621	49.190	ng	#	74
6) Aniline	6.545	93	184171	19.641	ng		93
8) 2-Chlorophenol	6.669	128	307978	48.941	ng		93
9) Benzaldehyde	6.434	77	203833	42.313	ng		99
10) Phenol	6.528	94	390954m	48.891	ng		
11) bis(2-Chloroethyl)ether	6.616	93	288875	46.059	ng		98
12) 1,3-Dichlorobenzene	6.822	146	335985	49.495	ng		97
13) 1,4-Dichlorobenzene	6.898	146	326376	47.425	ng		98
14) 1,2-Dichlorobenzene	7.045	146	315678	48.102	ng		99
15) Benzyl Alcohol	7.022	79	292963	43.942	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.151	45	379272	38.403	ng		88
17) 2-Methylphenol	7.134	107	269993	49.591	ng	#	91
18) Hexachloroethane	7.386	117	127870	48.474	ng	#	91
19) n-Nitroso-di-n-propyla...	7.292	70	239908	47.046	ng	#	97
20) 3+4-Methylphenols	7.286	107	339052	47.957	ng		90
22) Acetophenone	7.292	105	457273	45.010	ng		98
24) Nitrobenzene	7.469	77	358497	44.393	ng		96
25) Isophorone	7.704	82	669217	47.310	ng	#	96
26) 2-Nitrophenol	7.781	139	171632	49.918	ng	#	83
27) 2,4-Dimethylphenol	7.816	122	295577	52.329	ng		89
28) bis(2-Chloroethoxy)met...	7.910	93	380895	44.416	ng		98
29) 2,4-Dichlorophenol	8.022	162	258129	48.608	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	271093	45.661	ng		97
31) Naphthalene	8.186	128	923209	45.834	ng		99
32) Benzoic acid	7.957	122	201352	50.265	ng		93
33) 4-Chloroaniline	8.233	127	66641	8.406	ng		96
34) Hexachlorobutadiene	8.292	225	162461	46.871	ng		99
35) Caprolactam	8.622	113	75633m	40.785	ng		
36) 4-Chloro-3-methylphenol	8.728	107	326053	48.042	ng		97
37) 2-Methylnaphthalene	8.875	142	624128	47.753	ng		95
38) 1-Methylnaphthalene	8.975	142	592320	47.326	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	260777	50.217	ng		99
41) Hexachlorocyclopentadiene	9.028	237	309482	109.882	ng		95
43) 2,4,6-Trichlorophenol	9.157	196	181687	47.702	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	192499	48.029	ng		91
46) 1,1'-Biphenyl	9.345	154	742149	47.483	ng		96
47) 2-Chloronaphthalene	9.369	162	550967	47.536	ng		95
48) 2-Nitroaniline	9.469	65	201528	44.062	ng		97
49) Acenaphthylene	9.786	152	913984	48.546	ng		98
50) Dimethylphthalate	9.651	163	665313	47.182	ng	#	99
51) 2,6-Dinitrotoluene	9.716	165	141289	49.248	ng		94
52) Acenaphthene	9.957	154	653977m	53.411	ng		
53) 3-Nitroaniline	9.880	138	71285	20.327	ng	#	99
54) 2,4-Dinitrophenol	9.998	184	160062	105.408	ng		83
55) Dibenzofuran	10.133	168	796326	47.297	ng		91
56) 4-Nitrophenol	10.057	139	230791	89.104	ng	#	77
57) 2,4-Dinitrotoluene	10.122	165	199805	51.509	ng	#	96
58) Fluorene	10.474	166	628494	47.923	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	155185	48.839	ng		92
60) Diethylphthalate	10.345	149	709881	48.179	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	297752	48.148	ng		94
62) 4-Nitroaniline	10.510	138	151587	43.773	ng	#	79
63) Azobenzene	10.627	77	705256	42.985	ng		93
65) 4,6-Dinitro-2-methylph...	10.533	198	100839	46.085	ng		91
66) n-Nitrosodiphenylamine	10.586	169	547295	44.819	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	190458	45.774	ng		95
68) Hexachlorobenzene	11.022	284	208631	46.576	ng		96
69) Atrazine	11.116	200	183686	48.500	ng		97
70) Pentachlorophenol	11.222	266	212253	86.805	ng		98
71) Phenanthrene	11.445	178	945706	45.371	ng		99
72) Anthracene	11.498	178	960368	46.281	ng		99
73) Carbazole	11.651	167	788026	41.411	ng		98
74) Di-n-butylphthalate	11.969	149	1107266	45.262	ng		98
75) Fluoranthene	12.633	202	868978	43.907	ng		95
77) Benzidine	12.757	184	281437	44.675	ng		98
78) Pyrene	12.863	202	883578	43.873	ng		100
80) Butylbenzylphthalate	13.474	149	417101	43.748	ng		90
81) Benzo(a)anthracene	14.051	228	744186	47.620	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	145902	29.624	ng	#	96
83) Chrysene	14.092	228	680983	46.338	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	607756	48.553	ng	#	98
85) Di-n-octyl phthalate	14.645	149	822282	45.625	ng		95
87) Indeno(1,2,3-cd)pyrene	17.068	276	549975	49.580	ng	#	84
88) Benzo(b)fluoranthene	15.115	252	564619	49.694	ng	#	92
89) Benzo(k)fluoranthene	15.145	252	533990	48.726	ng	#	94
90) Benzo(a)pyrene	15.492	252	504833	56.883	ng	#	93
91) Dibenzo(a,h)anthracene	17.086	278	473536	51.616	ng	#	90
92) Benzo(g,h,i)perylene	17.533	276	464851	51.396	ng	#	85

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

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