Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
Data File : BF129484.D
Acq On : 01 Aug 2022 21:00
Operator : CG\JU
Sample : N3976-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 02 01:18:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP1-0729MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	186984	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	744124	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	365258	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	519489	20.000	ng		0.00
76) Chrysene-d12	14.051	240	322358	20.000	ng		0.00
86) Perylene-d12	15.533	264	372944	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1259383	109.717	ng		0.02
7) Phenol-d6	6.528	99	1646113	114.094	ng		0.00
23) Nitrobenzene-d5	7.445	82	1015861	74.523	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	340334	96.915	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1734198	73.447	ng		0.00
79) Terphenyl-d14	12.986	244	1161830	67.995	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	225901	43.619	ng		90
3) Pyridine	3.510	79	609627	42.388	ng		92
4) n-Nitrosodimethylamine	3.469	42	307727	48.726	ng	#	93
6) Aniline	6.545	93	645745	36.003	ng	#	41
8) 2-Chlorophenol	6.669	128	639235	50.974	ng		98
9) Benzaldehyde	6.434	77	456679	46.610	ng		99
10) Phenol	6.539	94	742237m	48.309	ng		
11) bis(2-Chloroethyl)ether	6.610	93	600651	49.295	ng		95
12) 1,3-Dichlorobenzene	6.816	146	663731	49.349	ng		99
13) 1,4-Dichlorobenzene	6.892	146	673908	49.268	ng		98
14) 1,2-Dichlorobenzene	7.045	146	643394	51.174	ng		98
15) Benzyl Alcohol	7.028	79	546579	52.235	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	825178	45.053	ng	#	37
17) 2-Methylphenol	7.145	107	490743	47.171	ng	#	90
18) Hexachloroethane	7.386	117	256722	49.844	ng		92
19) n-Nitroso-di-n-propyla...	7.292	70	427942	48.995	ng		94
20) 3+4-Methylphenols	7.298	107	614743	46.474	ng	#	84
22) Acetophenone	7.286	105	863614	49.849	ng		99
24) Nitrobenzene	7.463	77	653964	46.588	ng		97
25) Isophorone	7.698	82	1180150	48.298	ng		100
26) 2-Nitrophenol	7.781	139	339818	49.072	ng		90
27) 2,4-Dimethylphenol	7.822	122	564170m	54.313	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	733521	51.749	ng		98
29) 2,4-Dichlorophenol	8.028	162	506251	47.219	ng		97
30) 1,2,4-Trichlorobenzene	8.098	180	516152	46.511	ng		97
31) Naphthalene	8.181	128	1762052	46.608	ng		99
32) Benzoic acid	7.922	122	77994	10.386	ng		99
33) 4-Chloroaniline	8.233	127	342587	22.072	ng		96
34) Hexachlorobutadiene	8.292	225	311853	49.437	ng		98
35) Caprolactam	8.616	113	140047m	40.178	ng		
36) 4-Chloro-3-methylphenol	8.728	107	527212	46.364	ng		97
37) 2-Methylnaphthalene	8.875	142	1140237	46.410	ng		99
38) 1-Methylnaphthalene	8.975	142	1074957	45.324	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	492319	51.332	ng		98
41) Hexachlorocyclopentadiene	9.022	237	458173	107.282	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	329583	47.313	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	339010	44.752	ng	#	93
46) 1,1'-Biphenyl	9.339	154	1350749	50.672	ng		99
47) 2-Chloronaphthalene	9.363	162	1045514	48.518	ng		99
48) 2-Nitroaniline	9.463	65	333950	46.605	ng		94
49) Acenaphthylene	9.780	152	1561071	47.675	ng		100
50) Dimethylphthalate	9.639	163	1220327	48.397	ng		100
51) 2,6-Dinitrotoluene	9.704	165	270572	47.943	ng		93
52) Acenaphthene	9.951	154	1026239m	47.986	ng		
53) 3-Nitroaniline	9.880	138	207650	31.159	ng	#	88
54) 2,4-Dinitrophenol	9.986	184	150636	52.285	ng		89
55) Dibenzofuran	10.127	168	1389332	47.125	ng		99
56) 4-Nitrophenol	10.057	139	315321	64.135	ng		91
57) 2,4-Dinitrotoluene	10.110	165	341593	46.333	ng		98
58) Fluorene	10.469	166	1081539	45.849	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	228670	39.061	ng		92
60) Diethylphthalate	10.339	149	1143597	46.917	ng		100
61) 4-Chlorophenyl-phenyle...	10.457	204	496088	47.704	ng		93
62) 4-Nitroaniline	10.498	138	251464	38.037	ng		92
63) Azobenzene	10.616	77	1095479	44.063	ng		94
65) 4,6-Dinitro-2-methylph...	10.522	198	127626	38.924	ng		88
66) n-Nitrosodiphenylamine	10.580	169	924621	53.446	ng		97
67) 4-Bromophenyl-phenylether	10.945	248	311425	54.746	ng		93
68) Hexachlorobenzene	11.016	284	322341	52.297	ng		98
69) Atrazine	11.104	200	279167	53.126	ng		96
70) Pentachlorophenol	11.216	266	197478	58.935	ng		98
71) Phenanthrene	11.433	178	1329021	46.867	ng		99
72) Anthracene	11.486	178	1352951	48.550	ng		99
73) Carbazole	11.639	167	1135100	43.270	ng		99
74) Di-n-butylphthalate	11.957	149	1461857	46.794	ng		99
75) Fluoranthene	12.621	202	1127448	39.239	ng		99
77) Benzidine	12.745	184	558748	49.064	ng		99
78) Pyrene	12.851	202	1122851	41.654	ng		98
80) Butylbenzylphthalate	13.457	149	479110	40.976	ng		99
81) Benzo(a)anthracene	14.039	228	1022664	46.442	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	260646	35.850	ng	#	97
83) Chrysene	14.074	228	950953	45.822	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	640121	41.584	ng		100
85) Di-n-octyl phthalate	14.627	149	1137890	51.369	ng		96
87) Indeno(1,2,3-cd)pyrene	17.039	276	1087310	43.294	ng		99
88) Benzo(b)fluoranthene	15.098	252	1122831	45.388	ng		99
89) Benzo(k)fluoranthene	15.127	252	1125160	46.412	ng		99
90) Benzo(a)pyrene	15.474	252	1015628	50.574	ng		99
91) Dibenzo(a,h)anthracene	17.056	278	939781	45.976	ng		99
92) Benzo(g,h,i)perylene	17.498	276	892076	42.709	ng		99

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

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