Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031422\
Data File : BF127318.D
Acq On : 14 Mar 2022 14:01
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 14 15:29:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 14 12:19:36 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
03/15/2022
Supervised By :Jagrut Upadhyay
03/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	124305	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	425051	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	239975	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	416492	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	297451	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	230766	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	572176	73.996	ng		0.00
7) Phenol-d6	6.504	99	789533	74.223	ng		0.00
23) Nitrobenzene-d5	7.440	82	759359	73.780	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	189034	73.175	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	1215868	71.632	ng		0.00
79) Terphenyl-d14	12.986	244	1314210	76.080	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	142837	35.626	ng	#	85
3) Pyridine	3.434	79	388989	36.459	ng	#	78
4) n-Nitrosodimethylamine	3.416	42	204263	34.555	ng	#	69
6) Aniline	6.540	93	489967	38.543	ng		94
8) 2-Chlorophenol	6.657	128	294764	36.848	ng		92
9) Benzaldehyde	6.428	77	198519	32.015	ng		97
10) Phenol	6.516	94	436342	37.342	ng		84
11) bis(2-Chloroethyl)ether	6.610	93	328319	37.836	ng		91
12) 1,3-Dichlorobenzene	6.810	146	332400	37.018	ng		98
13) 1,4-Dichlorobenzene	6.887	146	338736	37.603	ng		98
14) 1,2-Dichlorobenzene	7.040	146	310481	36.621	ng		98
15) Benzyl Alcohol	7.016	79	287103	36.009	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.140	45	602018	36.969	ng		99
17) 2-Methylphenol	7.122	107	255024	37.501	ng	#	93
18) Hexachloroethane	7.375	117	129183	37.332	ng	#	84
19) n-Nitroso-di-n-propyla...	7.287	70	234417	35.314	ng	#	88
20) 3+4-Methylphenols	7.281	107	304319	34.506	ng	#	87
22) Acetophenone	7.287	105	404031	34.717	ng	#	95
24) Nitrobenzene	7.457	77	365935	37.591	ng		93
25) Isophorone	7.692	82	627459	37.914	ng		97
26) 2-Nitrophenol	7.769	139	153435	38.060	ng	#	72
27) 2,4-Dimethylphenol	7.804	122	234903	38.816	ng		94
28) bis(2-Chloroethoxy)met...	7.904	93	400841	38.225	ng		98
29) 2,4-Dichlorophenol	8.016	162	262896	37.933	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	300727	38.061	ng		97
31) Naphthalene	8.175	128	859518	37.908	ng		99
32) Benzoic acid	7.945	122	151716	40.401	ng		87
33) 4-Chloroaniline	8.228	127	328922	37.425	ng	#	93
34) Hexachlorobutadiene	8.287	225	196035	37.207	ng		97
35) Caprolactam	8.610	113	80386m	38.826	ng		
36) 4-Chloro-3-methylphenol	8.710	107	286972	38.204	ng		98
37) 2-Methylnaphthalene	8.869	142	551393	37.217	ng		95
38) 1-Methylnaphthalene	8.969	142	527573	37.041	ng		97
40) 1,2,4,5-Tetrachloroben...	9.034	216	289726	38.138	ng	#	94
41) Hexachlorocyclopentadiene	9.010	237	117495	44.011	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	185169	38.620	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	196721	38.658	ng	#	89
46) 1,1'-Biphenyl	9.334	154	673917	37.208	ng		97
47) 2-Chloronaphthalene	9.357	162	538914	38.224	ng		99
48) 2-Nitroaniline	9.457	65	208171	38.375	ng		88
49) Acenaphthylene	9.775	152	805072	37.313	ng		98
50) Dimethylphthalate	9.633	163	646109	37.574	ng	#	99
51) 2,6-Dinitrotoluene	9.704	165	131496	37.804	ng		95
52) Acenaphthene	9.945	154	478444	37.201	ng		97
53) 3-Nitroaniline	9.875	138	143281	37.800	ng		95
54) 2,4-Dinitrophenol	9.981	184	64035	37.360	ng		95
55) Dibenzofuran	10.122	168	725376	36.304	ng		99
56) 4-Nitrophenol	10.039	139	90786	39.405	ng		85
57) 2,4-Dinitrotoluene	10.110	165	170890	37.340	ng	#	89
58) Fluorene	10.463	166	561441	36.238	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	165303	39.089	ng	#	77
60) Diethylphthalate	10.333	149	575339	36.680	ng		96
61) 4-Chlorophenyl-phenyle...	10.451	204	305143	36.342	ng		89
62) 4-Nitroaniline	10.492	138	142410	37.702	ng	#	82
63) Azobenzene	10.616	77	671764	37.257	ng		90
65) 4,6-Dinitro-2-methylph...	10.516	198	106222	41.364	ng		83
66) n-Nitrosodiphenylamine	10.575	169	485056	37.499	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	190476	37.939	ng		92
68) Hexachlorobenzene	11.010	284	207187	37.866	ng	#	87
69) Atrazine	11.098	200	173741	38.925	ng		94
70) Pentachlorophenol	11.210	266	91267	41.312	ng		99
71) Phenanthrene	11.427	178	808267	36.763	ng		100
72) Anthracene	11.480	178	806033	37.019	ng		99
73) Carbazole	11.639	167	750663	36.610	ng		98
74) Di-n-butylphthalate	11.957	149	885343	36.916	ng		99
75) Fluoranthene	12.622	202	893076	36.329	ng		92
77) Benzidine	12.739	184	251254	33.216	ng		97
78) Pyrene	12.851	202	898684	38.789	ng		99
80) Butylbenzylphthalate	13.457	149	353673	39.665	ng	#	97
81) Benzo(a)anthracene	14.039	228	762886	38.091	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	224164	35.997	ng	#	97
83) Chrysene	14.080	228	710381	38.134	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	465613	38.792	ng	#	99
85) Di-n-octyl phthalate	14.627	149	718607	39.555	ng		98
87) Indeno(1,2,3-cd)pyrene	17.039	276	523040	37.624	ng	#	86
88) Benzo(b)fluoranthene	15.098	252	568845	37.554	ng	#	92
89) Benzo(k)fluoranthene	15.127	252	574014	40.303	ng	#	94
90) Benzo(a)pyrene	15.468	252	459837	38.551	ng	#	93
91) Dibenzo(a,h)anthracene	17.057	278	436482	37.725	ng	#	90
92) Benzo(g,h,i)perylene	17.498	276	424853	37.644	ng	#	85

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

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