Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080521\
Data File : BF124942.D
Acq On : 5 Aug 2021 9:30
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/6/2021 2:46:35 PM

Quant Time: Aug 05 11:00:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 17:59:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	7251	20.000	ng		# 0.00
21) Naphthalene-d8	8.122	136	26388	20.000	ng		# 0.00
39) Acenaphthene-d10	9.875	164	14137	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	25474	20.000	ng		0.00
76) Chrysene-d12	14.004	240	16950	20.000	ng		# 0.00
86) Perylene-d12	15.457	264	13625	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	35227	79.583	ng		0.00
7) Phenol-d6	6.469	99	45949	82.325	ng		0.00
23) Nitrobenzene-d5	7.404	82	40903	81.088	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	10569	83.682	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	78442	81.191	ng		0.00
79) Terphenyl-d14	12.945	244	83470	83.067	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	6895	41.636	ng	#	100
3) Pyridine	3.357	79	16899	43.916	ng		94
4) n-Nitrosodimethylamine	3.322	42	11497	42.074	ng		95
6) Aniline	6.504	93	24167	40.990	ng		97
8) 2-Chlorophenol	6.622	128	19439	40.035	ng		92
9) Benzaldehyde	6.393	77	11301	37.216	ng		92
10) Phenol	6.481	94	23674	41.108	ng		98
11) bis(2-Chloroethyl)ether	6.575	93	17617	40.777	ng		97
12) 1,3-Dichlorobenzene	6.781	146	20343	38.494	ng		97
13) 1,4-Dichlorobenzene	6.857	146	21403	40.513	ng		97
14) 1,2-Dichlorobenzene	7.010	146	19812	40.016	ng		94
15) Benzyl Alcohol	6.981	79	16259	40.385	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	27492	39.719	ng		96
17) 2-Methylphenol	7.092	107	15055	41.423	ng		94
18) Hexachloroethane	7.351	117	8200	39.645	ng	#	86
19) n-Nitroso-di-n-propyla...	7.257	70	13439	40.579	ng	#	88
20) 3+4-Methylphenols	7.245	107	19119	39.627	ng		87
22) Acetophenone	7.251	105	26149	40.462	ng		97
24) Nitrobenzene	7.422	77	19332	39.606	ng		95
25) Isophorone	7.663	82	34578	40.163	ng		95
26) 2-Nitrophenol	7.739	139	9960	40.184	ng	#	84
27) 2,4-Dimethylphenol	7.775	122	14619	41.607	ng		91
28) bis(2-Chloroethoxy)met...	7.869	93	19346	39.482	ng		97
29) 2,4-Dichlorophenol	7.981	162	15390	39.315	ng		95
30) 1,2,4-Trichlorobenzene	8.063	180	17733	40.422	ng		100
31) Naphthalene	8.145	128	55725	41.102	ng		98
32) Benzoic acid	7.904	122	7569	38.153	ng		89
33) 4-Chloroaniline	8.192	127	20984	41.533	ng		97
34) Hexachlorobutadiene	8.257	225	11122	42.454	ng		96
35) Caprolactam	8.569	113	4253	40.913	ng	#	79
36) 4-Chloro-3-methylphenol	8.675	107	16486	40.260	ng		99
37) 2-Methylnaphthalene	8.834	142	36987	40.576	ng		100
38) 1-Methylnaphthalene	8.934	142	33943	39.795	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	16628	40.978	ng		98
41) Hexachlorocyclopentadiene	8.986	237	5490	38.548	ng		97
43) 2,4,6-Trichlorophenol	9.110	196	10796	39.967	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	11717	42.850	ng		94
46) 1,1'-Biphenyl	9.298	154	44095	41.856	ng		97
47) 2-Chloronaphthalene	9.322	162	34892	41.630	ng		97
48) 2-Nitroaniline	9.422	65	9996	40.601	ng		98
49) Acenaphthylene	9.739	152	52695	41.391	ng		100
50) Dimethylphthalate	9.598	163	38725	40.423	ng		99
51) 2,6-Dinitrotoluene	9.663	165	8956	41.983	ng		87
52) Acenaphthene	9.910	154	31673	41.037	ng		98
53) 3-Nitroaniline	9.833	138	8922	39.709	ng	#	79
54) 2,4-Dinitrophenol	9.939	184	3401	34.734	ng		93
55) Dibenzofuran	10.081	168	50056	41.499	ng		98
56) 4-Nitrophenol	9.986	139	6494	43.846	ng	#	84
57) 2,4-Dinitrotoluene	10.069	165	12149	41.947	ng		93
58) Fluorene	10.428	166	39021	42.190	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	8785	42.820	ng	#	93
60) Diethylphthalate	10.298	149	39696	40.377	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	18829	43.110	ng		93
62) 4-Nitroaniline	10.451	138	9154	41.963	ng		87
63) Azobenzene	10.575	77	38890	40.451	ng		95
65) 4,6-Dinitro-2-methylph...	10.475	198	6338	39.715	ng		92
66) n-Nitrosodiphenylamine	10.539	169	32911	39.861	ng		94
67) 4-Bromophenyl-phenylether	10.904	248	11751	42.116	ng		92
68) Hexachlorobenzene	10.975	284	11833	38.982	ng	#	87
69) Atrazine	11.063	200	10110	40.750	ng		93
70) Pentachlorophenol	11.163	266	5195	38.173	ng		95
71) Phenanthrene	11.386	178	54795	39.653	ng		97
72) Anthracene	11.439	178	53958	38.923	ng		100
73) Carbazole	11.592	167	50359	39.613	ng		98
74) Di-n-butylphthalate	11.922	149	62208	38.503	ng		99
75) Fluoranthene	12.574	202	56333	39.406	ng		98
77) Benzidine	12.698	184	19751	43.550	ng		98
78) Pyrene	12.804	202	56058	41.988	ng		99
80) Butylbenzylphthalate	13.416	149	24559	41.335	ng	#	86
81) Benzo(a)anthracene	13.992	228	45036	40.772	ng		97
82) 3,3'-Dichlorobenzidine	13.951	252	11700	40.177	ng		97
83) Chrysene	14.027	228	43847	41.063	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	35421	42.976	ng		100
85) Di-n-octyl phthalate	14.586	149	53115	40.848	ng		98
87) Indeno(1,2,3-cd)pyrene	16.921	276	32962	40.625	ng	#	93
88) Benzo(b)fluoranthene	15.033	252	38482m	40.224	ng		
89) Benzo(k)fluoranthene	15.063	252	34933	40.140	ng		97
90) Benzo(a)pyrene	15.398	252	31566	38.747	ng		97
91) Dibenzo(a,h)anthracene	16.939	278	28350	39.740	ng		93
92) Benzo(g,h,i)perylene	17.368	276	27746	40.546	ng	#	88

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

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