Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124658.D
Acq On : 21 Jul 2021 12:22
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/22/2021 1:28:47 PM

Quant Time: Jul 21 16:08:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 16:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	7203	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	27000	20.000	ng	#	0.00
39) Acenaphthene-d10	9.933	164	14856	20.000	ng		0.00
64) Phenanthrene-d10	11.421	188	26561	20.000	ng		0.00
76) Chrysene-d12	14.062	240	17019	20.000	ng	#	0.00
86) Perylene-d12	15.539	264	13716	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	33245	79.966	ng		0.00
7) Phenol-d6	6.522	99	41631	82.316	ng		0.00
23) Nitrobenzene-d5	7.457	82	34699	81.128	ng		0.00
42) 2,4,6-Tribromophenol	10.721	330	10279	88.913	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	78180	76.740	ng		0.00
79) Terphenyl-d14	13.010	244	84882	83.750	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	5664	40.747	ng	#	100
3) Pyridine	3.469	79	14080	40.371	ng		97
4) n-Nitrosodimethylamine	3.428	42	11166m	39.389	ng		
6) Aniline	6.557	93	20290	38.076	ng		97
8) 2-Chlorophenol	6.681	128	18338	39.345	ng		94
9) Benzaldehyde	6.445	77	10579	35.655	ng		91
10) Phenol	6.533	94	19993	40.490	ng		98
11) bis(2-Chloroethyl)ether	6.628	93	15804	41.284	ng		97
12) 1,3-Dichlorobenzene	6.833	146	20402	39.993	ng		96
13) 1,4-Dichlorobenzene	6.910	146	20910	40.131	ng		98
14) 1,2-Dichlorobenzene	7.069	146	19248	38.872	ng		98
15) Benzyl Alcohol	7.033	79	14003	40.015	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.169	45	26613	40.334	ng		98
17) 2-Methylphenol	7.139	107	13660	40.040	ng		93
18) Hexachloroethane	7.410	117	7626	38.866	ng	#	88
19) n-Nitroso-di-n-propyla...	7.310	70	11364	39.966	ng	#	98
20) 3+4-Methylphenols	7.292	107	17954	39.972	ng	#	84
22) Acetophenone	7.304	105	24063	39.270	ng	#	96
24) Nitrobenzene	7.480	77	16384	38.632	ng		90
25) Isophorone	7.716	82	30610	38.985	ng		94
26) 2-Nitrophenol	7.792	139	9530	41.656	ng	#	90
27) 2,4-Dimethylphenol	7.822	122	14799	39.038	ng		89
28) bis(2-Chloroethoxy)met...	7.922	93	17932	39.153	ng		97
29) 2,4-Dichlorophenol	8.027	162	15944	40.775	ng		96
30) 1,2,4-Trichlorobenzene	8.116	180	16512	38.158	ng		98
31) Naphthalene	8.198	128	54393	38.950	ng		98
32) Benzoic acid	7.945	122	10653	38.208	ng		99
33) 4-Chloroaniline	8.245	127	20344	38.551	ng		96
34) Hexachlorobutadiene	8.316	225	9999	40.938	ng		96
35) Caprolactam	8.622	113	4308m	43.557	ng		
36) 4-Chloro-3-methylphenol	8.722	107	15031	38.873	ng		97
37) 2-Methylnaphthalene	8.892	142	36701	38.947	ng		99
38) 1-Methylnaphthalene	8.992	142	34423	38.896	ng		98
40) 1,2,4,5-Tetrachloroben...	9.057	216	16276	41.077	ng		95
41) Hexachlorocyclopentadiene	9.045	237	9834	39.731	ng		94
43) 2,4,6-Trichlorophenol	9.163	196	11648	40.720	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	11883	40.278	ng		95
46) 1,1'-Biphenyl	9.357	154	43640	38.678	ng		97
47) 2-Chloronaphthalene	9.380	162	34389	38.874	ng		99
48) 2-Nitroaniline	9.474	65	8830	41.508	ng		87
49) Acenaphthylene	9.798	152	52723	38.192	ng		99
50) Dimethylphthalate	9.657	163	39145	37.873	ng		98
51) 2,6-Dinitrotoluene	9.716	165	8551	41.966	ng		92
52) Acenaphthene	9.969	154	34772	39.392	ng		97
53) 3-Nitroaniline	9.886	138	8935	39.296	ng		89
54) 2,4-Dinitrophenol	9.986	184	4427	41.637	ng		93
55) Dibenzofuran	10.139	168	49951	38.487	ng		98
56) 4-Nitrophenol	10.033	139	7395	39.077	ng		91
57) 2,4-Dinitrotoluene	10.121	165	12113	43.423	ng	#	83
58) Fluorene	10.486	166	37973	37.826	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	9552	41.923	ng	#	94
60) Diethylphthalate	10.357	149	41344	38.256	ng		99
61) 4-Chlorophenyl-phenyle...	10.474	204	18268	40.091	ng		91
62) 4-Nitroaniline	10.504	138	9319	40.666	ng		85
63) Azobenzene	10.633	77	36272	38.397	ng		97
65) 4,6-Dinitro-2-methylph...	10.527	198	6484	42.734	ng		84
66) n-Nitrosodiphenylamine	10.592	169	32867	38.002	ng		97
67) 4-Bromophenyl-phenylether	10.963	248	10972	39.949	ng	#	79
68) Hexachlorobenzene	11.033	284	11781	41.866	ng	#	87
69) Atrazine	11.121	200	10021	37.833	ng		96
70) Pentachlorophenol	11.221	266	7249	40.727	ng		86
71) Phenanthrene	11.445	178	56368	38.899	ng		98
72) Anthracene	11.498	178	55288	38.031	ng		99
73) Carbazole	11.651	167	50618	37.682	ng		99
74) Di-n-butylphthalate	11.980	149	68867	38.058	ng		100
75) Fluoranthene	12.633	202	57041	39.015	ng		99
77) Benzidine	12.751	184	20615	32.401	ng		97
78) Pyrene	12.862	202	56630	40.050	ng		97
80) Butylbenzylphthalate	13.480	149	26475	38.725	ng		98
81) Benzo(a)anthracene	14.051	228	44703	39.606	ng		96
82) 3,3'-Dichlorobenzidine	14.009	252	12067	40.815	ng		94
83) Chrysene	14.086	228	42272	39.095	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	36087	39.315	ng	#	99
85) Di-n-octyl phthalate	14.651	149	54683	41.171	ng		100
87) Indeno(1,2,3-cd)pyrene	17.033	276	38831	48.815	ng		97
88) Benzo(b)fluoranthene	15.104	252	38056	38.655	ng		98
89) Benzo(k)fluoranthene	15.139	252	33286	36.850	ng		96
90) Benzo(a)pyrene	15.480	252	32663	40.193	ng		96
91) Dibenzo(a,h)anthracene	17.056	278	33146	48.954	ng		96
92) Benzo(g,h,i)perylene	17.492	276	32456	49.097	ng		96

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

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