Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124637.D
Acq On : 20 Jul 2021 20:20
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/21/2021 11:42:23 AM

Quant Time: Jul 21 03:12:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:36:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	7424	20.000	ng		-0.01
21) Naphthalene-d8	8.192	136	26883	20.000	ng		-0.01
39) Acenaphthene-d10	9.945	164	14376	20.000	ng		-0.01
64) Phenanthrene-d10	11.433	188	23064	20.000	ng		-0.01
76) Chrysene-d12	14.074	240	12715	20.000	ng		#-0.01
86) Perylene-d12	15.556	264	11407	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	33140	77.340	ng		-0.02
7) Phenol-d6	6.528	99	40657	77.997	ng		-0.02
23) Nitrobenzene-d5	7.469	82	34328	80.610	ng		-0.02
42) 2,4,6-Tribromophenol	10.733	330	8788	78.554	ng		-0.02
45) 2-Fluorobiphenyl	9.269	172	76093	77.185	ng		-0.01
79) Terphenyl-d14	13.021	244	64490	85.169	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	5777	40.316	ng	#	100
3) Pyridine	3.475	79	14628m	40.693	ng		
4) n-Nitrosodimethylamine	3.434	42	11876m	40.647	ng		
6) Aniline	6.569	93	20924	38.097	ng		98
8) 2-Chlorophenol	6.686	128	18546	38.606	ng		98
9) Benzaldehyde	6.457	77	10147	33.181	ng	#	79
10) Phenol	6.539	94	19988	39.275	ng		99
11) bis(2-Chloroethyl)ether	6.639	93	15535	39.373	ng		98
12) 1,3-Dichlorobenzene	6.845	146	19824	37.704	ng		95
13) 1,4-Dichlorobenzene	6.922	146	20144	37.510	ng		96
14) 1,2-Dichlorobenzene	7.075	146	19897	38.986	ng		99
15) Benzyl Alcohol	7.045	79	14449	40.060	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.180	45	25830	37.982	ng		97
17) 2-Methylphenol	7.145	107	13529	38.475	ng		97
18) Hexachloroethane	7.422	117	7697	38.060	ng	#	84
19) n-Nitroso-di-n-propyla...	7.322	70	11270	38.455	ng	#	97
20) 3+4-Methylphenols	7.304	107	17784	38.415	ng		90
22) Acetophenone	7.316	105	23923	39.211	ng	#	99
24) Nitrobenzene	7.486	77	16851	39.906	ng		99
25) Isophorone	7.728	82	30394	38.879	ng		96
26) 2-Nitrophenol	7.804	139	9636	42.303	ng		94
27) 2,4-Dimethylphenol	7.833	122	14796	39.200	ng		89
28) bis(2-Chloroethoxy)met...	7.933	93	17938	39.336	ng		98
29) 2,4-Dichlorophenol	8.039	162	15455	39.697	ng		99
30) 1,2,4-Trichlorobenzene	8.127	180	16790	38.970	ng		96
31) Naphthalene	8.210	128	55437	39.870	ng		98
32) Benzoic acid	7.945	122	10710	38.528	ng		91
33) 4-Chloroaniline	8.257	127	19491	37.095	ng		99
34) Hexachlorobutadiene	8.327	225	9725	39.989	ng		98
35) Caprolactam	8.633	113	3974	40.355	ng		95
36) 4-Chloro-3-methylphenol	8.733	107	15459	40.154	ng		97
37) 2-Methylnaphthalene	8.904	142	36569	38.975	ng		98
38) 1-Methylnaphthalene	9.004	142	33298	37.789	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	15678	40.889	ng		97
41) Hexachlorocyclopentadiene	9.057	237	9340	38.995	ng		97
43) 2,4,6-Trichlorophenol	9.174	196	11275	40.732	ng		96

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44) 2,4,5-Trichlorophenol	9.216	196	11480	40.211	ng		90
46) 1,1'-Biphenyl	9.369	154	41712	38.203	ng		99
47) 2-Chloronaphthalene	9.392	162	33298	38.897	ng		99
48) 2-Nitroaniline	9.486	65	9131	44.356	ng		95
49) Acenaphthylene	9.810	152	50863	38.074	ng		98
50) Dimethylphthalate	9.669	163	38895	38.887	ng	#	98
51) 2,6-Dinitrotoluene	9.727	165	8341	42.302	ng		95
52) Acenaphthene	9.980	154	33001	38.634	ng		99
53) 3-Nitroaniline	9.898	138	8656	39.340	ng		95
54) 2,4-Dinitrophenol	9.998	184	4543	44.155	ng	#	83
55) Dibenzofuran	10.151	168	48754	38.819	ng		96
56) 4-Nitrophenol	10.045	139	6840	37.351	ng		96
57) 2,4-Dinitrotoluene	10.127	165	11657	43.184	ng	#	90
58) Fluorene	10.498	166	35386	36.426	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.269	232	9302	42.189	ng	#	95
60) Diethylphthalate	10.369	149	39001	37.293	ng		97
61) 4-Chlorophenyl-phenyle...	10.486	204	17071	38.715	ng		97
62) 4-Nitroaniline	10.510	138	8168	36.833	ng		91
63) Azobenzene	10.645	77	33144	36.257	ng		97
65) 4,6-Dinitro-2-methylph...	10.539	198	6046	45.889	ng	#	81
66) n-Nitrosodiphenylamine	10.604	169	31108	41.422	ng		97
67) 4-Bromophenyl-phenylether	10.974	248	9340	39.163	ng	#	76
68) Hexachlorobenzene	11.045	284	10373	42.452	ng	#	86
69) Atrazine	11.127	200	9392	40.834	ng		96
70) Pentachlorophenol	11.233	266	6550	42.379	ng		94
71) Phenanthrene	11.457	178	49362	39.229	ng		99
72) Anthracene	11.510	178	48354	38.305	ng		99
73) Carbazole	11.663	167	44107	37.814	ng		99
74) Di-n-butylphthalate	11.992	149	57677	36.707	ng		97
75) Fluoranthene	12.645	202	45049	35.485	ng		98
77) Benzidine	12.768	184	26104	54.917	ng		97
78) Pyrene	12.874	202	43748	41.412	ng		97
80) Butylbenzylphthalate	13.492	149	19013	37.224	ng		100
81) Benzo(a)anthracene	14.062	228	32439	38.468	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	8783	39.763	ng		95
83) Chrysene	14.098	228	30844	38.182	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	24464	35.674	ng		100
85) Di-n-octyl phthalate	14.662	149	39157	39.461	ng		100
87) Indeno(1,2,3-cd)pyrene	17.056	276	30788	46.539	ng		96
88) Benzo(b)fluoranthene	15.121	252	28743	35.106	ng		97
89) Benzo(k)fluoranthene	15.151	252	28015	37.292	ng		96
90) Benzo(a)pyrene	15.498	252	26271	38.871	ng		98
91) Dibenzo(a,h)anthracene	17.080	278	25900	45.995	ng		99
92) Benzo(g,h,i)perylene	17.515	276	25859	47.036	ng		95

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

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