Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
Data File : BF124448.D
Acq On : 25 Jun 2021 12:50
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 25 13:23:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 13:23:23 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad

6/28/2021 1:24:00 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	36176	20.000	ng		0.00
21) Naphthalene-d8	7.986	136	133463	20.000	ng	#	0.00
39) Acenaphthene-d10	9.739	164	75184	20.000	ng		0.00
64) Phenanthrene-d10	11.227	188	141733	20.000	ng	#	0.00
76) Chrysene-d12	13.868	240	102823	20.000	ng		0.00
86) Perylene-d12	15.292	264	82359	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	184504	80.210	ng		0.00
7) Phenol-d6	6.363	99	244190	81.303	ng		0.00
23) Nitrobenzene-d5	7.281	82	250673	77.876	ng		0.00
42) 2,4,6-Tribromophenol	10.533	330	76000	84.609	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	496984	80.975	ng		0.00
79) Terphenyl-d14	12.810	244	545053	79.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.340	88	39486	39.920	ng	#	88
3) Pyridine	3.057	79	85425	39.384	ng	#	75
4) n-Nitrosodimethylamine	3.016	42	47834	40.877	ng	#	92
6) Aniline	6.375	93	133554	39.803	ng	#	8
8) 2-Chlorophenol	6.498	128	100418	39.281	ng		95
9) Benzaldehyde	6.257	77	57786	41.331	ng		94
10) Phenol	6.375	94	126316	38.896	ng	#	48
11) bis(2-Chloroethyl)ether	6.451	93	95155	40.515	ng		87
12) 1,3-Dichlorobenzene	6.645	146	120591	38.838	ng		94
13) 1,4-Dichlorobenzene	6.722	146	120333	38.220	ng		94
14) 1,2-Dichlorobenzene	6.875	146	117079	39.487	ng		97
15) Benzyl Alcohol	6.857	79	101568	39.425	ng		89
16) 2,2'-oxybis(1-Chloropr...	6.986	45	116837	38.778	ng	#	45
17) 2-Methylphenol	6.975	107	82710	40.432	ng	#	89
18) Hexachloroethane	7.216	117	45445	39.619	ng	#	83
19) n-Nitroso-di-n-propyla...	7.128	70	82116	40.655	ng	#	78
20) 3+4-Methylphenols	7.134	107	107601	40.297	ng	#	78
22) Acetophenone	7.122	105	144396	38.866	ng	#	88
24) Nitrobenzene	7.298	77	122406	38.065	ng		98
25) Isophorone	7.534	82	212052	38.317	ng	#	97
26) 2-Nitrophenol	7.610	139	59675	38.151	ng		95
27) 2,4-Dimethylphenol	7.657	122	79480	38.122	ng		93
28) bis(2-Chloroethoxy)met...	7.745	93	107575	38.350	ng		93
29) 2,4-Dichlorophenol	7.857	162	93773	37.890	ng		89
30) 1,2,4-Trichlorobenzene	7.933	180	107740	38.387	ng		94
31) Naphthalene	8.010	128	292502	37.252	ng		98
32) Benzoic acid	7.804	122	46594	39.733	ng		86
33) 4-Chloroaniline	8.069	127	110369	37.423	ng		93
34) Hexachlorobutadiene	8.128	225	68852	36.692	ng		95
35) Caprolactam	8.451	113	25038m	38.606	ng		
36) 4-Chloro-3-methylphenol	8.563	107	98320	39.332	ng		89
37) 2-Methylnaphthalene	8.698	142	210701	37.920	ng		98
38) 1-Methylnaphthalene	8.798	142	197546	38.223	ng		95
40) 1,2,4,5-Tetrachloroben...	8.869	216	105225	38.944	ng	#	97
41) Hexachlorocyclopentadiene	8.851	237	9852	46.991	ng		92
43) 2,4,6-Trichlorophenol	8.986	196	65112	38.401	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.033	196	69284	38.726	ng		96
46) 1,1'-Biphenyl	9.163	154	266334	41.679	ng		99
47) 2-Chloronaphthalene	9.192	162	206330	39.474	ng		96
48) 2-Nitroaniline	9.298	65	70662	41.095	ng		93
49) Acenaphthylene	9.604	152	301942	39.963	ng		96
50) Dimethylphthalate	9.475	163	243272	41.040	ng		98
51) 2,6-Dinitrotoluene	9.539	165	60277	44.021	ng	#	76
52) Acenaphthene	9.775	154	194899	40.625	ng		96
53) 3-Nitroaniline	9.710	138	54554	45.009	ng	#	94
54) 2,4-Dinitrophenol	9.827	184	16405	39.032	ng	#	88
55) Dibenzofuran	9.951	168	309910	40.530	ng		95
56) 4-Nitrophenol	9.892	139	26548	41.752	ng		94
57) 2,4-Dinitrotoluene	9.945	165	76282	42.029	ng	#	84
58) Fluorene	10.292	166	238933	40.666	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.075	232	51961	39.712	ng	#	98
60) Diethylphthalate	10.169	149	243724	41.321	ng		95
61) 4-Chlorophenyl-phenyle...	10.280	204	119026	40.879	ng		96
62) 4-Nitroaniline	10.327	138	50862	43.615	ng		88
63) Azobenzene	10.445	77	236676	40.311	ng		92
65) 4,6-Dinitro-2-methylph...	10.363	198	41058	40.414	ng	#	57
66) n-Nitrosodiphenylamine	10.404	169	210428	38.701	ng		96
67) 4-Bromophenyl-phenylether	10.769	248	70993	37.233	ng		94
68) Hexachlorobenzene	10.839	284	82337	39.744	ng		98
69) Atrazine	10.933	200	62753	44.735	ng		90
70) Pentachlorophenol	11.045	266	17356	37.790	ng		92
71) Phenanthrene	11.251	178	358118	40.082	ng		98
72) Anthracene	11.304	178	352912	39.643	ng		96
73) Carbazole	11.463	167	307531	39.638	ng		99
74) Di-n-butylphthalate	11.792	149	374164	40.499	ng		99
75) Fluoranthene	12.439	202	364907	40.586	ng		98
77) Benzidine	12.563	184	90563	43.948	ng	#	97
78) Pyrene	12.668	202	366867	39.088	ng		98
80) Butylbenzylphthalate	13.280	149	148911	39.955	ng		96
81) Benzo(a)anthracene	13.857	228	294746	39.760	ng		98
82) 3,3'-Dichlorobenzidine	13.815	252	88709	37.348	ng		99
83) Chrysene	13.892	228	286275	38.968	ng		97
84) Bis(2-ethylhexyl)phtha...	13.845	149	198504	39.753	ng	#	95
85) Di-n-octyl phthalate	14.451	149	294422	37.858	ng	#	88
87) Indeno(1,2,3-cd)pyrene	16.692	276	250071	38.503	ng		96
88) Benzo(b)fluoranthene	14.886	252	236544	37.901	ng		99
89) Benzo(k)fluoranthene	14.915	252	233596	40.912	ng		98
90) Benzo(a)pyrene	15.233	252	217214	39.166	ng		96
91) Dibenzo(a,h)anthracene	16.692	278	213174	38.104	ng	#	96
92) Benzo(g,h,i)perylene	17.109	276	212618	38.622	ng		98

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

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