Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
Data File : BF125089.D
Acq On : 18 Aug 2021 15:08
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 18 15:43:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 18 15:07:38 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	128315	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	433376	20.000	ng	#	0.00
39) Acenaphthene-d10	9.963	164	194960	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	315886	20.000	ng		0.00
76) Chrysene-d12	14.086	240	220067	20.000	ng		0.00
86) Perylene-d12	15.580	264	237666	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	896088	104.330	ng		0.00
7) Phenol-d6	6.545	99	1113956	105.441	ng		0.00
23) Nitrobenzene-d5	7.487	82	958109	122.320	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	219903	120.814	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1484228	101.472	ng		0.00
79) Terphenyl-d14	13.033	244	1393781	91.196	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	238271	54.650	ng	#	100
3) Pyridine	3.475	79	614896	51.962	ng		89
4) n-Nitrosodimethylamine	3.434	42	308331	48.589	ng	#	42
6) Aniline	6.587	93	674288m	50.544	ng		
8) 2-Chlorophenol	6.710	128	455068	52.925	ng		85
9) Benzaldehyde	6.475	77	369765	46.272	ng		93
10) Phenol	6.557	94	584642	49.500	ng		97
11) bis(2-Chloroethyl)ether	6.657	93	473626	52.639	ng		84
12) 1,3-Dichlorobenzene	6.863	146	531030	57.949	ng		98
13) 1,4-Dichlorobenzene	6.940	146	524493	57.133	ng		97
14) 1,2-Dichlorobenzene	7.092	146	478693	54.158	ng		97
15) Benzyl Alcohol	7.057	79	435954	50.592	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.198	45	957178	47.673	ng		99
17) 2-Methylphenol	7.163	107	377647	48.975	ng		96
18) Hexachloroethane	7.440	117	188054	54.366	ng	#	83
19) n-Nitroso-di-n-propyla...	7.334	70	326975	47.677	ng	#	81
20) 3+4-Methylphenols	7.322	107	461908	46.962	ng		96
22) Acetophenone	7.334	105	583849	51.958	ng		96
24) Nitrobenzene	7.504	77	523211	59.129	ng	#	87
25) Isophorone	7.745	82	882489	51.759	ng	#	90
26) 2-Nitrophenol	7.822	139	224687	69.253	ng	#	84
27) 2,4-Dimethylphenol	7.851	122	354429	54.058	ng		90
28) bis(2-Chloroethoxy)met...	7.951	93	493259	54.071	ng	#	97
29) 2,4-Dichlorophenol	8.057	162	359999	59.127	ng		95
30) 1,2,4-Trichlorobenzene	8.145	180	392320	61.000	ng		95
31) Naphthalene	8.228	128	1174430	53.968	ng		99
32) Benzoic acid	7.957	122	265340	60.715	ng	#	84
33) 4-Chloroaniline	8.275	127	460221	52.236	ng	#	93
34) Hexachlorobutadiene	8.345	225	258732	70.783	ng		99
35) Caprolactam	8.639	113	90297	45.683	ng	#	38
36) 4-Chloro-3-methylphenol	8.745	107	360530	50.678	ng		93
37) 2-Methylnaphthalene	8.916	142	760243	53.380	ng		98
38) 1-Methylnaphthalene	9.016	142	709387	52.664	ng		95
40) 1,2,4,5-Tetrachloroben...	9.081	216	362163	65.906	ng		97
41) Hexachlorocyclopentadiene	9.069	237	205404	75.195	ng		99
43) 2,4,6-Trichlorophenol	9.192	196	256697	64.887	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	270577	64.277	ng		92
46) 1,1'-Biphenyl	9.381	154	858581	52.553	ng		96
47) 2-Chloronaphthalene	9.410	162	711060	56.894	ng		97
48) 2-Nitroaniline	9.498	65	231897	57.603	ng	#	82
49) Acenaphthylene	9.822	152	1027036	50.794	ng		99
50) Dimethylphthalate	9.681	163	727256	54.189	ng		97
51) 2,6-Dinitrotoluene	9.739	165	169550	63.766	ng	#	81
52) Acenaphthene	9.998	154	635410	51.735	ng		99
53) 3-Nitroaniline	9.910	138	181090	54.624	ng	#	80
54) 2,4-Dinitrophenol	10.010	184	72176	67.109	ng	#	86
55) Dibenzofuran	10.169	168	896081	49.828	ng		98
56) 4-Nitrophenol	10.051	139	144125	53.795	ng	#	72
57) 2,4-Dinitrotoluene	10.139	165	208730	65.923	ng	#	94
58) Fluorene	10.510	166	648557	49.573	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.281	232	195655	64.218	ng	#	87
60) Diethylphthalate	10.381	149	704054	49.163	ng		98
61) 4-Chlorophenyl-phenyle...	10.504	204	335626	56.616	ng	#	84
62) 4-Nitroaniline	10.522	138	158325	52.725	ng	#	82
63) Azobenzene	10.663	77	801296	49.270	ng		93
65) 4,6-Dinitro-2-methylph...	10.545	198	103779	75.334	ng		97
66) n-Nitrosodiphenylamine	10.616	169	630845	55.980	ng		97
67) 4-Bromophenyl-phenylether	10.992	248	212373	63.798	ng		94
68) Hexachlorobenzene	11.057	284	219112	59.902	ng	#	85
69) Atrazine	11.139	200	181400	61.113	ng		92
70) Pentachlorophenol	11.245	266	137546	64.280	ng		91
71) Phenanthrene	11.475	178	957640	56.568	ng		98
72) Anthracene	11.522	178	934825	55.441	ng		98
73) Carbazole	11.675	167	864881	49.546	ng		99
74) Di-n-butylphthalate	12.004	149	1037501	52.831	ng		100
75) Fluoranthene	12.663	202	974040	57.817	ng		98
77) Benzidine	12.780	184	435884	46.071	ng		97
78) Pyrene	12.892	202	992220	45.015	ng		97
80) Butylbenzylphthalate	13.504	149	419494	47.276	ng	#	86
81) Benzo(a)anthracene	14.080	228	883035	63.138	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	286742	61.066	ng		99
83) Chrysene	14.116	228	878528	61.883	ng		97
84) Bis(2-ethylhexyl)phtha...	14.063	149	567864	53.908	ng		100
85) Di-n-octyl phthalate	14.680	149	1026378	67.292	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	1058850	128.589	ng		93
88) Benzo(b)fluoranthene	15.145	252	944550	58.561	ng	#	95
89) Benzo(k)fluoranthene	15.174	252	896810	58.737	ng		100
90) Benzo(a)pyrene	15.521	252	880135	65.113	ng	#	97
91) Dibenzo(a,h)anthracene	17.121	278	912378	116.734	ng		94
92) Benzo(g,h,i)perylene	17.562	276	898954	120.018	ng	#	91

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

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