Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082721\
Data File : BF125246.D
Acq On : 27 Aug 2021 9:43
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 27 12:28:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	177213	20.000	ng		0.00
21) Naphthalene-d8	8.198	136	630443	20.000	ng		# 0.00
39) Acenaphthene-d10	9.951	164	303917	20.000	ng		0.00
64) Phenanthrene-d10	11.439	188	504613	20.000	ng		0.00
76) Chrysene-d12	14.080	240	363448	20.000	ng		# 0.00
86) Perylene-d12	15.574	264	377016	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	848699	72.488	ng		0.00
7) Phenol-d6	6.539	99	1068529	70.566	ng		0.00
23) Nitrobenzene-d5	7.481	82	926059	73.950	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	251197	82.800	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	1549269	71.048	ng		0.00
79) Terphenyl-d14	13.021	244	1554137	68.122	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	219221	37.945	ng	#	100
3) Pyridine	3.469	79	539093	35.347	ng	#	92
4) n-Nitrosodimethylamine	3.422	42	245809	32.209	ng	#	33
6) Aniline	6.581	93	628008	35.308	ng		98
8) 2-Chlorophenol	6.698	128	433082	36.260	ng	#	78
9) Benzaldehyde	6.469	77	339162	31.916	ng		94
10) Phenol	6.551	94	599052	37.778	ng		100
11) bis(2-Chloroethyl)ether	6.651	93	440839	35.299	ng		89
12) 1,3-Dichlorobenzene	6.857	146	500918	36.192	ng		98
13) 1,4-Dichlorobenzene	6.934	146	506946	36.760	ng		98
14) 1,2-Dichlorobenzene	7.086	146	469313	36.172	ng		97
15) Benzyl Alcohol	7.051	79	385619	33.076	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.186	45	820995	32.780	ng		95
17) 2-Methylphenol	7.163	107	363218	36.202	ng		96
18) Hexachloroethane	7.428	117	175281	36.296	ng	#	86
19) n-Nitroso-di-n-propyla...	7.322	70	309764	34.011	ng	#	78
20) 3+4-Methylphenols	7.316	107	436706	34.675	ng		92
22) Acetophenone	7.322	105	565154	34.832	ng	#	93
24) Nitrobenzene	7.498	77	496929	36.418	ng		89
25) Isophorone	7.734	82	840743	34.802	ng	#	89
26) 2-Nitrophenol	7.810	139	222771	40.886	ng	#	78
27) 2,4-Dimethylphenol	7.845	122	321392	33.694	ng		91
28) bis(2-Chloroethoxy)met...	7.945	93	475480	35.548	ng		98
29) 2,4-Dichlorophenol	8.051	162	358518	36.855	ng		96
30) 1,2,4-Trichlorobenzene	8.139	180	385473	36.338	ng		94
31) Naphthalene	8.222	128	1128902	34.964	ng		99
32) Benzoic acid	7.945	122	247621	38.248	ng		87
33) 4-Chloroaniline	8.263	127	456243	35.844	ng	#	89
34) Hexachlorobutadiene	8.333	225	251949	37.249	ng		99
35) Caprolactam	8.628	113	91650	36.374	ng	#	55
36) 4-Chloro-3-methylphenol	8.739	107	360893	36.341	ng		92
37) 2-Methylnaphthalene	8.910	142	759294	35.588	ng		98
38) 1-Methylnaphthalene	9.010	142	710052	35.639	ng		96
40) 1,2,4,5-Tetrachloroben...	9.075	216	372386	37.503	ng		97
41) Hexachlorocyclopentadiene	9.063	237	169288	32.451	ng		99
43) 2,4,6-Trichlorophenol	9.186	196	260130	37.206	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	277420	37.716	ng		94
46) 1,1'-Biphenyl	9.375	154	858576	35.041	ng		99
47) 2-Chloronaphthalene	9.398	162	710237	35.670	ng		97
48) 2-Nitroaniline	9.492	65	231895	37.571	ng		86
49) Acenaphthylene	9.816	152	1023151	35.263	ng		98
50) Dimethylphthalate	9.669	163	760012	36.086	ng	#	97
51) 2,6-Dinitrotoluene	9.733	165	172298	37.728	ng		91
52) Acenaphthene	9.986	154	658246	36.596	ng		98
53) 3-Nitroaniline	9.904	138	181114	36.775	ng		83
54) 2,4-Dinitrophenol	10.004	184	81803	45.348	ng	#	82
55) Dibenzofuran	10.157	168	917068	35.427	ng		97
56) 4-Nitrophenol	10.051	139	141562	36.298	ng	#	73
57) 2,4-Dinitrotoluene	10.133	165	223416	40.421	ng	#	99
58) Fluorene	10.498	166	689860	36.047	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.275	232	208000	38.105	ng	#	83
60) Diethylphthalate	10.369	149	735793	35.836	ng		97
61) 4-Chlorophenyl-phenyle...	10.492	204	358174	37.016	ng	#	83
62) 4-Nitroaniline	10.510	138	170871	38.583	ng	#	80
63) Azobenzene	10.651	77	787511	34.195	ng		91
65) 4,6-Dinitro-2-methylph...	10.539	198	119556	44.765	ng		97
66) n-Nitrosodiphenylamine	10.610	169	651595	36.063	ng		97
67) 4-Bromophenyl-phenylether	10.980	248	231797	38.253	ng		92
68) Hexachlorobenzene	11.045	284	237390	38.082	ng	#	89
69) Atrazine	11.133	200	193853	37.389	ng		90
70) Pentachlorophenol	11.239	266	137199	37.694	ng		90
71) Phenanthrene	11.463	178	982121	35.322	ng		98
72) Anthracene	11.516	178	991247	36.169	ng		99
73) Carbazole	11.669	167	903910	36.093	ng		99
74) Di-n-butylphthalate	11.992	149	1110500	37.366	ng		99
75) Fluoranthene	12.651	202	1018925	36.932	ng		97
77) Benzidine	12.768	184	400414	31.545	ng		97
78) Pyrene	12.880	202	1052496	33.759	ng		98
80) Butylbenzylphthalate	13.492	149	443061	36.167	ng		89
81) Benzo(a)anthracene	14.068	228	942100	35.976	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	308702	38.030	ng	#	97
83) Chrysene	14.110	228	917867	35.442	ng		97
84) Bis(2-ethylhexyl)phtha...	14.051	149	625390	37.143	ng		100
85) Di-n-octyl phthalate	14.668	149	1061703	37.913	ng		98
87) Indeno(1,2,3-cd)pyrene	17.092	276	1089385	40.109	ng	#	91
88) Benzo(b)fluoranthene	15.133	252	1007421	36.575	ng	#	95
89) Benzo(k)fluoranthene	15.162	252	868344	33.784	ng		100
90) Benzo(a)pyrene	15.515	252	887796	36.489	ng	#	95
91) Dibenzo(a,h)anthracene	17.109	278	929480	39.589	ng	#	95
92) Benzo(g,h,i)perylene	17.556	276	943930	41.697	ng	#	88

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

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