Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
Data File : BF125086.D
Acq On : 18 Aug 2021 13:30
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: Aug 18 15:53:02 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	126178	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	464139	20.000	ng	#	0.00
39) Acenaphthene-d10	9.957	164	221090	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	358436	20.000	ng		0.00
76) Chrysene-d12	14.086	240	234803	20.000	ng	#	0.00
86) Perylene-d12	15.580	264	221351	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	353401	41.843	ng		0.00
7) Phenol-d6	6.534	99	454910	43.789	ng		0.00
23) Nitrobenzene-d5	7.481	82	377800	45.036	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	88427	42.840	ng		0.00
45) 2-Fluorobiphenyl	9.275	172	674935	40.690	ng		0.00
79) Terphenyl-d14	13.027	244	609358	37.368	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	85671	19.982	ng	#	100
3) Pyridine	3.475	79	223033	19.167	ng	#	91
4) n-Nitrosodimethylamine	3.416	42	111047	17.796	ng	#	48
6) Aniline	6.581	93	260221	19.836	ng		96
8) 2-Chlorophenol	6.704	128	179419	21.220	ng		86
9) Benzaldehyde	6.469	77	156347	19.896	ng		93
10) Phenol	6.545	94	239367	20.610	ng		98
11) bis(2-Chloroethyl)ether	6.651	93	188256	21.277	ng		88
12) 1,3-Dichlorobenzene	6.863	146	206774	22.947	ng		98
13) 1,4-Dichlorobenzene	6.940	146	206203	22.842	ng		98
14) 1,2-Dichlorobenzene	7.093	146	196572	22.616	ng		100
15) Benzyl Alcohol	7.051	79	172103	20.311	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.192	45	372469	18.865	ng		99
17) 2-Methylphenol	7.157	107	148974	19.647	ng		96
18) Hexachloroethane	7.434	117	73148	21.505	ng		95
19) n-Nitroso-di-n-propyla...	7.322	70	135170	20.043	ng	#	82
20) 3+4-Methylphenols	7.310	107	191001	19.748	ng	#	82
22) Acetophenone	7.328	105	249627	20.743	ng		99
24) Nitrobenzene	7.498	77	208248	21.975	ng		88
25) Isophorone	7.734	82	360181	19.725	ng	#	87
26) 2-Nitrophenol	7.816	139	82836	23.840	ng	#	83
27) 2,4-Dimethylphenol	7.845	122	141991	20.221	ng		92
28) bis(2-Chloroethoxy)met...	7.945	93	200108	20.482	ng	#	97
29) 2,4-Dichlorophenol	8.051	162	146659	22.491	ng		96
30) 1,2,4-Trichlorobenzene	8.145	180	160076	23.240	ng		93
31) Naphthalene	8.228	128	493954	21.194	ng		98
32) Benzoic acid	7.916	122	91396	19.527	ng	#	77
33) 4-Chloroaniline	8.269	127	190229	20.160	ng	#	92
34) Hexachlorobutadiene	8.339	225	100493	25.670	ng		99
35) Caprolactam	8.610	113	35700	16.864	ng	#	47
36) 4-Chloro-3-methylphenol	8.739	107	148742	19.522	ng		92
37) 2-Methylnaphthalene	8.916	142	322047	21.114	ng		99
38) 1-Methylnaphthalene	9.016	142	302781	20.988	ng		94
40) 1,2,4,5-Tetrachloroben...	9.081	216	151242	24.270	ng		97
41) Hexachlorocyclopentadiene	9.069	237	78239	25.257	ng		97
43) 2,4,6-Trichlorophenol	9.186	196	103159	22.994	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	109934	23.029	ng		94
46) 1,1'-Biphenyl	9.381	154	373312	20.150	ng		97
47) 2-Chloronaphthalene	9.404	162	301454	21.270	ng		97
48) 2-Nitroaniline	9.492	65	89180	19.534	ng	#	80
49) Acenaphthylene	9.822	152	433243	18.895	ng		99
50) Dimethylphthalate	9.675	163	316404	20.789	ng	#	98
51) 2,6-Dinitrotoluene	9.733	165	65010	21.560	ng	#	78
52) Acenaphthene	9.992	154	269524	19.351	ng		98
53) 3-Nitroaniline	9.904	138	69966	18.610	ng	#	80
54) 2,4-Dinitrophenol	10.004	184	21367	17.519	ng		94
55) Dibenzofuran	10.163	168	393763	19.308	ng		97
56) 4-Nitrophenol	10.045	139	55849	18.382	ng	#	77
57) 2,4-Dinitrotoluene	10.133	165	80091	22.305	ng	#	95
58) Fluorene	10.504	166	287278	19.363	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	78620	22.755	ng	#	88
60) Diethylphthalate	10.375	149	300851	18.525	ng		99
61) 4-Chlorophenyl-phenyle...	10.498	204	146174	21.743	ng	#	87
62) 4-Nitroaniline	10.510	138	61821	18.154	ng	#	81
63) Azobenzene	10.657	77	342927	18.594	ng		90
65) 4,6-Dinitro-2-methylph...	10.539	198	33746	21.588	ng		96
66) n-Nitrosodiphenylamine	10.616	169	268631	21.008	ng		97
67) 4-Bromophenyl-phenylether	10.986	248	89644	23.733	ng		95
68) Hexachlorobenzene	11.051	284	91368	22.013	ng	#	89
69) Atrazine	11.133	200	75392	22.384	ng		93
70) Pentachlorophenol	11.239	266	51416	21.176	ng	#	89
71) Phenanthrene	11.469	178	410376	21.363	ng		98
72) Anthracene	11.522	178	407944	21.322	ng		98
73) Carbazole	11.675	167	369219	18.640	ng		99
74) Di-n-butylphthalate	12.004	149	436162	19.573	ng		99
75) Fluoranthene	12.657	202	405181	21.196	ng		97
77) Benzidine	12.774	184	146572	14.520	ng		97
78) Pyrene	12.886	202	407063	17.309	ng		97
80) Butylbenzylphthalate	13.504	149	158695	16.762	ng		89
81) Benzo(a)anthracene	14.074	228	346862	23.245	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	105703	21.098	ng		99
83) Chrysene	14.110	228	340884	22.505	ng		98
84) Bis(2-ethylhexyl)phtha...	14.063	149	222608	19.806	ng		98
85) Di-n-octyl phthalate	14.680	149	373202	22.932	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	319795	41.699	ng		95
88) Benzo(b)fluoranthene	15.139	252	316629	21.078	ng	#	95
89) Benzo(k)fluoranthene	15.168	252	313266	22.030	ng		98
90) Benzo(a)pyrene	15.515	252	286200	22.734	ng	#	97
91) Dibenzo(a,h)anthracene	17.110	278	279406	38.383	ng		96
92) Benzo(g,h,i)perylene	17.539	276	270046	38.711	ng	#	91

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

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