Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121271.D
Acq On : 13 Aug 2020 14:05
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Quant Time: Aug 13 15:23:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 13 13:23:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	43685	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	155302	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	80551	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	158554	20.00	ng		0.00
76) Chrysene-d12	13.87	240	139510	20.00	ng		0.00
86) Perylene-d12	15.29	264	154694	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	443184	156.69	ng		0.00
7) Phenol-d6	6.36	99	553177	151.78	ng		0.00
23) Nitrobenzene-d5	7.29	82	454703	159.61	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	166482	172.14	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	866688	152.85	ng		0.00
79) Terphenyl-d14	12.82	244	1063482	152.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	95439	78.438	ng		99
3) Pyridine	2.97	79	255317	80.196	ng		96
4) n-Nitrosodimethylamine	2.91	42	107345	81.789	ng		98
6) Aniline	6.38	93	332164	76.636	ng	#	89
8) 2-Chlorophenol	6.50	128	243726	78.001	ng		98
9) Benzaldehyde	6.27	77	124486	63.923	ng		98
10) Phenol	6.37	94	300415	76.052	ng		87
11) bis(2-Chloroethyl)ether	6.46	93	223009	77.492	ng		97
12) 1,3-Dichlorobenzene	6.66	146	252063	76.611	ng		100
13) 1,4-Dichlorobenzene	6.74	146	254890	76.193	ng		99
14) 1,2-Dichlorobenzene	6.89	146	242007	76.683	ng		99
15) Benzyl Alcohol	6.87	79	187945	76.239	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	320618	77.429	ng		98
17) 2-Methylphenol	6.99	107	191159	76.714	ng		99
18) Hexachloroethane	7.23	117	92270	77.447	ng		99
19) n-Nitroso-di-n-propylamine	7.14	70	151905	74.586	ng		98
20) 3+4-Methylphenols	7.14	107	236032	75.974	ng	#	77
22) Acetophenone	7.13	105	305641	78.204	ng	#	98
24) Nitrobenzene	7.31	77	248157	79.346	ng		95
25) Isophorone	7.55	82	453789	79.576	ng		97
26) 2-Nitrophenol	7.63	139	127633	84.583	ng		92
27) 2,4-Dimethylphenol	7.67	122	191810	79.923	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	254971	79.666	ng		100
29) 2,4-Dichlorophenol	7.87	162	200551	81.543	ng		96
30) 1,2,4-Trichlorobenzene	7.95	180	214284	80.219	ng		98
31) Naphthalene	8.03	128	678212	78.447	ng		99
32) Benzoic acid	7.79	122	113985	104.310	ng		96
33) 4-Chloroaniline	8.08	127	284647	80.211	ng		98
34) Hexachlorobutadiene	8.15	225	130042	80.110	ng		97
35) Caprolactam	8.45	113	62062	82.896	ng		93
36) 4-Chloro-3-methylphenol	8.56	107	204507	81.437	ng		96
37) 2-Methylnaphthalene	8.72	142	445624	77.888	ng		98
38) 1-Methylnaphthalene	8.82	142	425293	79.145	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	212986	80.467	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.00	196	142098	84.951 ng	99
44) 2,4,5-Trichlorophenol	9.04	196	153779	84.337 ng	97
46) 1,1'-Biphenyl	9.18	154	544219	79.947 ng	98
47) 2-Chloronaphthalene	9.21	162	424927	80.607 ng	98
48) 2-Nitroaniline	9.30	65	127019	83.360 ng	92
49) Acenaphthylene	9.62	152	674177	80.266 ng	99
50) Dimethylphthalate	9.49	163	483330	79.329 ng	99
51) 2,6-Dinitrotoluene	9.55	165	113202	82.835 ng	91
52) Acenaphthene	9.79	154	399654	80.457 ng	99
53) 3-Nitroaniline	9.72	138	129317	83.508 ng	99
55) Dibenzofuran	9.96	168	619962	78.768 ng	99
56) 4-Nitrophenol	9.88	139	87635	99.750 ng	95
57) 2,4-Dinitrotoluene	9.95	165	151529	85.655 ng	94
58) Fluorene	10.30	166	469253	78.459 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	123124	86.412 ng	99
60) Diethylphthalate	10.18	149	491849	79.717 ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	226666	77.028 ng	97
62) 4-Nitroaniline	10.33	138	129735	83.277 ng	96
63) Azobenzene	10.46	77	490645	79.881 ng	98
65) 4,6-Dinitro-2-methylphenol	10.36	198	82508	98.227 ng	85
66) n-Nitrosodiphenylamine	10.42	169	431263	79.759 ng	100
67) 4-Bromophenyl-phenylether	10.79	248	149158	81.266 ng	97
68) Hexachlorobenzene	10.85	284	168710	81.706 ng	96
69) Atrazine	10.94	200	129586	78.390 ng	98
70) Pentachlorophenol	11.05	266	73680	109.725 ng	98
71) Phenanthrene	11.26	178	704784	79.000 ng	99
72) Anthracene	11.32	178	719672	80.287 ng	100
73) Carbazole	11.47	167	699493	79.249 ng	100
74) Di-n-butylphthalate	11.80	149	818130	80.416 ng	99
75) Fluoranthene	12.45	202	787725	78.241 ng	97
77) Benzidine	12.57	184	262254	66.306 ng	99
78) Pyrene	12.68	202	828065	80.476 ng	99
80) Butylbenzylphthalate	13.30	149	364406	82.728 ng	99
81) Benzo(a)anthracene	13.86	228	732963	76.476 ng	100
82) 3,3'-Dichlorobenzidine	13.83	252	295941	78.148 ng	99
83) Chrysene	13.90	228	772668	81.608 ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	470188	73.634 ng	99
85) Di-n-octyl phthalate	14.47	149	914819	80.828 ng	100
87) Indeno(1,2,3-cd)pyrene	16.67	276	923100	79.633 ng	100
88) Benzo(b)fluoranthene	14.89	252	825140	81.152 ng	99
89) Benzo(k)fluoranthene	14.92	252	743518	77.413 ng	98
90) Benzo(a)pyrene	15.23	252	740414	79.305 ng	98
91) Dibenzo(a,h)anthracene	16.69	278	786369	79.708 ng	100
92) Benzo(g,h,i)perylene	17.09	276	778699	79.327 ng	98

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

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