Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080320\
Data File : BF121179.D
Acq On : 3 Aug 2020 16:46
Operator : JU/CG
Sample : L3521-07MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-CDMSD

Manual Integrations APPROVED
mohammad
8/5/2020 10:24:53 AM

Quant Time: Aug 03 17:19:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139249	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	537042	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	281643	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	542195	20.00	ng		0.00
76) Chrysene-d12	13.97	240	382717	20.00	ng		0.00
86) Perylene-d12	15.42	264	381965	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	787660	92.73	ng		0.00
7) Phenol-d6	6.44	99	986917	89.95	ng		0.00
23) Nitrobenzene-d5	7.36	82	646615	69.67	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	308461	100.06	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1207446	64.01	ng		0.00
79) Terphenyl-d14	12.91	244	1256743	71.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	147358	37.695	ng		98
3) Pyridine	3.26	79	367391	35.328	ng		100
4) n-Nitrosodimethylamine	3.22	42	188348	42.355	ng		98
6) Aniline	6.46	93	517509	36.133	ng	#	76
8) 2-Chlorophenol	6.58	128	444566	47.510	ng		99
9) Benzaldehyde	6.35	77	280629	60.329	ng		99
10) Phenol	6.45	94	520546	43.128	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	413690	44.723	ng		99
12) 1,3-Dichlorobenzene	6.73	146	433440	42.717	ng		97
13) 1,4-Dichlorobenzene	6.81	146	437178	43.330	ng		98
14) 1,2-Dichlorobenzene	6.96	146	424819	44.507	ng		100
15) Benzyl Alcohol	6.95	79	361103	46.537	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	554765	41.609	ng		98
17) 2-Methylphenol	7.06	107	360324	43.445	ng		100
18) Hexachloroethane	7.30	117	159913	43.790	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	268523	43.038	ng		99
20) 3+4-Methylphenols	7.21	107	404022	38.295	ng		89
22) Acetophenone	7.20	105	550534	45.677	ng		95
24) Nitrobenzene	7.38	77	445027	44.488	ng		99
25) Isophorone	7.62	82	824570	44.515	ng		98
26) 2-Nitrophenol	7.70	139	246179	51.817	ng		97
27) 2,4-Dimethylphenol	7.74	122	393261	50.983	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	526421	46.557	ng		99
29) 2,4-Dichlorophenol	7.95	162	372187	47.219	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	391546	44.774	ng		98
31) Naphthalene	8.10	128	1205879	43.774	ng		100
32) Benzoic acid	7.89	122	233167	40.268	ng		99
33) 4-Chloroaniline	8.15	127	353259	28.746	ng		99
34) Hexachlorobutadiene	8.22	225	220270	42.727	ng		99
35) Caprolactam	8.55	113	128121m	50.687	ng		
36) 4-Chloro-3-methylphenol	8.65	107	393301	48.652	ng		98
37) 2-Methylnaphthalene	8.79	142	842575	47.106	ng		100
38) 1-Methylnaphthalene	8.89	142	797570	47.080	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	386308	47.077	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	322354	71.078	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	274519	47.514	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	294099	44.875	ng		99
46) 1,1'-Biphenyl	9.26	154	1006427	46.846	ng		98
47) 2-Chloronaphthalene	9.29	162	781883	44.639	ng		99
48) 2-Nitroaniline	9.39	65	250043	47.237	ng		92
49) Acenaphthylene	9.70	152	1254519	46.103	ng		100
50) Dimethylphthalate	9.57	163	1075554	52.934	ng		99
51) 2,6-Dinitrotoluene	9.63	165	214525	49.143	ng		99
52) Acenaphthene	9.87	154	723565	41.824	ng		100
53) 3-Nitroaniline	9.80	138	160874	29.384	ng		96
54) 2,4-Dinitrophenol	9.91	184	203623	80.950	ng		96
55) Dibenzofuran	10.05	168	1092005	43.650	ng		99
56) 4-Nitrophenol	9.97	139	353936	85.104	ng		99
57) 2,4-Dinitrotoluene	10.03	165	277741	48.450	ng		90
58) Fluorene	10.39	166	823819	44.152	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	248876	49.876	ng		100
60) Diethylphthalate	10.26	149	952705	46.356	ng		100
61) 4-Chlorophenyl-phenylether	10.38	204	405347	40.730	ng		95
62) 4-Nitroaniline	10.42	138	234081	43.892	ng		97
63) Azobenzene	10.54	77	875087	44.725	ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	142059	45.489	ng		100
66) n-Nitrosodiphenylamine	10.50	169	798595	46.821	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	276496	45.739	ng		97
68) Hexachlorobenzene	10.94	284	310267	47.448	ng		97
69) Atrazine	11.03	200	231366	54.772	ng		97
70) Pentachlorophenol	11.14	266	335438	89.541	ng		99
71) Phenanthrene	11.35	178	1264988	45.364	ng		100
72) Anthracene	11.40	178	1301300	46.474	ng		100
73) Carbazole	11.56	167	1249676	44.972	ng		100
74) Di-n-butylphthalate	11.89	149	1477801	46.084	ng		100
75) Fluoranthene	12.54	202	1388542	44.924	ng		98
77) Benzidine	12.66	184	870490	86.510	ng		99
78) Pyrene	12.77	202	1416309	52.343	ng		100
80) Butylbenzylphthalate	13.39	149	647993	53.721	ng		98
81) Benzo(a)anthracene	13.96	228	1136272	49.029	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	414205	47.373	ng		99
83) Chrysene	14.00	228	1117678	45.891	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	828398	55.694	ng	#	98
85) Di-n-octyl phthalate	14.56	149	1454174	49.141	ng		98
87) Indeno(1,2,3-cd)pyrene	16.86	276	1318614	49.639	ng		100
88) Benzo(b)fluoranthene	15.00	252	1100020	47.644	ng		99
89) Benzo(k)fluoranthene	15.03	252	1060012	50.341	ng		100
90) Benzo(a)pyrene	15.36	252	995944	47.280	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1067469	49.194	ng		100
92) Benzo(g,h,i)perylene	17.29	276	1148692	53.689	ng		100

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

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