Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119265.D
Acq On : 6 Mar 2020 22:38
Operator : CG/JU
Sample : L1761-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-030420MS

Manual Integrations APPROVED
mohammad
3/9/2020 3:09:29 PM

Quant Time: Mar 07 07:07:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	107084	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	406376	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	228192	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	434258	20.00	ng		0.00
76) Chrysene-d12	13.89	240	333995	20.00	ng		0.00
87) Perylene-d12	15.31	264	324690	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	770396	120.23	ng		0.01
7) Phenol-d6	6.39	99	847485	108.75	ng		0.00
23) Nitrobenzene-d5	7.29	82	666278	86.57	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	378893	126.93	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1335209	86.20	ng		0.00
79) Terphenyl-d14	12.83	244	1856176	95.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	104327	36.568	ng		96
3) Pyridine	3.23	79	131896	16.928	ng		98
4) n-Nitrosodimethylamine	3.13	42	104776	44.392	ng		97
6) Aniline	6.40	93	86116	8.956	ng	#	1
8) 2-Chlorophenol	6.52	128	333122	48.173	ng		99
9) Benzaldehyde	6.28	77	253892	48.764	ng		98
10) Phenol	6.40	94	328580	38.998	ng		80
11) bis(2-Chloroethyl)ether	6.46	93	308924	47.919	ng		97
12) 1,3-Dichlorobenzene	6.66	146	359495	43.374	ng		96
13) 1,4-Dichlorobenzene	6.74	146	365201	44.033	ng		100
14) 1,2-Dichlorobenzene	6.89	146	338991	44.816	ng		99
15) Benzyl Alcohol	6.88	79	279309	49.591	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	244217	43.731	ng	#	24
17) 2-Methylphenol	7.00	107	258821	46.165	ng		94
18) Hexachloroethane	7.23	117	128633	43.351	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	232628	51.229	ng		97
20) 3+4-Methylphenols	7.16	107	342792	49.906	ng	#	85
22) Acetophenone	7.14	105	459588	48.879	ng	#	94
24) Nitrobenzene	7.31	77	348820	45.831	ng		96
25) Isophorone	7.55	82	631142	47.218	ng		99
26) 2-Nitrophenol	7.63	139	184576	45.770	ng		99
27) 2,4-Dimethylphenol	7.67	122	269947	49.322	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	381587	43.859	ng		99
29) 2,4-Dichlorophenol	7.88	162	292466	45.392	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	321242	42.051	ng		99
31) Naphthalene	8.03	128	1063290	50.452	ng		99
32) Benzoic acid	7.84	122	130146	34.734	ng		97
33) 4-Chloroaniline	8.09	127	56984	6.286	ng		98
34) Hexachlorobutadiene	8.15	225	195060	40.992	ng		99
35) Caprolactam	8.46	113	69500m	35.031	ng		
36) 4-Chloro-3-methylphenol	8.59	107	310981	47.691	ng		99
37) 2-Methylnaphthalene	8.72	142	693987	48.931	ng		98
38) 1-Methylnaphthalene	8.82	142	654250	49.050	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	333326	43.325	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	120503	47.371	ng		99
43) 2,4,6-Trichlorophenol	9.01	196	208137	42.840	ng		98
44) 2,4,5-Trichlorophenol	9.06	196	216704	42.505	ng		98
46) 1,1'-Biphenyl	9.18	154	817509	44.327	ng		98
47) 2-Chloronaphthalene	9.21	162	649415	43.696	ng		98
48) 2-Nitroaniline	9.31	65	188737	45.531	ng		94
49) Acenaphthylene	9.62	152	994821	46.346	ng		99
50) Dimethylphthalate	9.49	163	833669	47.777	ng		99
51) 2,6-Dinitrotoluene	9.56	165	179349	46.263	ng		100
52) Acenaphthene	9.79	154	600486	46.394	ng		99
53) 3-Nitroaniline	9.73	138	42644	9.922	ng		88
54) 2,4-Dinitrophenol	9.85	184	106576	58.753	ng		93
55) Dibenzofuran	9.96	168	892090	46.177	ng		100
56) 4-Nitrophenol	9.92	139	137024	53.064	ng	#	83
57) 2,4-Dinitrotoluene	9.97	165	231827	46.135	ng		97
58) Fluorene	10.31	166	740378	49.320	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	195653	45.480	ng		98
60) Diethylphthalate	10.19	149	786493	47.829	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	374582	47.141	ng		97
62) 4-Nitroaniline	10.35	138	146131	33.233	ng		98
63) Azobenzene	10.46	77	702900	49.177	ng		96
65) 4,6-Dinitro-2-methylphenol	10.38	198	110222	41.945	ng		97
66) n-Nitrosodiphenylamine	10.42	169	662246	46.574	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	247983	43.687	ng		95
68) Hexachlorobenzene	10.86	284	287923	43.995	ng		99
69) Atrazine	10.95	200	228684	46.031	ng		98
70) Pentachlorophenol	11.06	266	188208	71.392	ng		98
71) Phenanthrene	11.27	178	1133951	47.882	ng		99
72) Anthracene	11.32	178	1164936	49.231	ng		99
73) Carbazole	11.48	167	1024703	48.609	ng		98
74) Di-n-butylphthalate	11.80	149	1248693	48.914	ng		98
75) Fluoranthene	12.46	202	1225749	48.761	ng		98
77) Benzidine	12.58	184	117727	8.667	ng		97
78) Pyrene	12.69	202	1233195	45.981	ng		99
80) Butylbenzylphthalate	13.30	149	538997	47.752	ng		97
81) Benzo(a)anthracene	13.87	228	1088662	47.838	ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	135183	15.298	ng		99
83) Chrysene	13.91	228	1051599	46.376	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	756801	53.071	ng		100
85) Di-n-octyl phthalate	14.46	149	1218576	53.633	ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1029054	46.868	ng		100
88) Benzo(b)fluoranthene	14.90	252	971003	45.370	ng		99
89) Benzo(k)fluoranthene	14.93	252	996968	50.267	ng		99
90) Benzo(a)pyrene	15.25	252	868951	44.987	ng		99
91) Dibenzo(a,h)anthracene	16.72	278	861051	50.663	ng		100
92) Benzo(g,h,i)perylene	17.13	276	874162	52.057	ng		99

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

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