Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121115.D
Acq On : 29 Jul 2020 22:02
Operator : JU/CG
Sample : L3436-20MS 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20MS

Manual Integrations APPROVED
mohammad
7/30/2020 3:33:51 PM

Quant Time: Jul 30 05:56:28 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	6.80	152	160550	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	604134	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	298961	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	513489	20.00	ng		0.00
76) Chrysene-d12	13.97	240	390873	20.00	ng		0.00
86) Perylene-d12	15.42	264	356109	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	162309	16.57	ng		0.00
7) Phenol-d6	6.44	99	197562	15.62	ng		0.00
23) Nitrobenzene-d5	7.36	82	113733	10.89	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	49464	15.12	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	244998	12.24	ng		0.00
79) Terphenyl-d14	12.91	244	214360	11.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	25486	5.654	ng		91
3) Pyridine	3.26	79	49284	4.110	ng		95
4) n-Nitrosodimethylamine	3.16	42	27297	5.324	ng		96
6) Aniline	6.46	93	74032	4.483	ng	#	84
8) 2-Chlorophenol	6.59	128	63868	5.920	ng		97
9) Benzaldehyde	6.35	77	45611	4.534	ng		99
10) Phenol	6.46	94	84956	6.105	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	60957	5.716	ng		99
12) 1,3-Dichlorobenzene	6.75	146	68830	5.883	ng		98
13) 1,4-Dichlorobenzene	6.82	146	70683	6.076	ng		99
14) 1,2-Dichlorobenzene	6.97	146	66851	6.075	ng		99
15) Benzyl Alcohol	6.95	79	49088	5.487	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	84407	5.491	ng		96
17) 2-Methylphenol	7.06	107	52236	5.463	ng		98
18) Hexachloroethane	7.32	117	13895	3.300	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	43676	6.072	ng		95
20) 3+4-Methylphenols	7.22	107	67728	5.568	ng	#	72
22) Acetophenone	7.21	105	92219	6.802	ng	#	89
24) Nitrobenzene	7.38	77	63229	5.619	ng		94
25) Isophorone	7.62	82	118921	5.707	ng		96
26) 2-Nitrophenol	7.70	139	21876	4.093	ng		98
27) 2,4-Dimethylphenol	7.75	122	56211	6.478	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	75889	5.966	ng		99
29) 2,4-Dichlorophenol	7.96	162	50945	5.746	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	58008	5.897	ng		99
31) Naphthalene	8.11	128	227431	7.339	ng		98
33) 4-Chloroaniline	8.16	127	60103	4.348	ng		96
34) Hexachlorobutadiene	8.23	225	33602	5.794	ng		99
35) Caprolactam	8.49	113	15357	5.401	ng	#	84
36) 4-Chloro-3-methylphenol	8.65	107	53995	5.938	ng		97
37) 2-Methylnaphthalene	8.80	142	142966	7.105	ng		98
38) 1-Methylnaphthalene	8.90	142	132338	6.944	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	57503	6.602	ng		98
43) 2,4,6-Trichlorophenol	9.08	196	33638	5.485	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.13	196	36126	5.193	ng		99
46) 1,1'-Biphenyl	9.26	154	156106	6.845	ng		99
47) 2-Chloronaphthalene	9.29	162	112648	6.059	ng		98
48) 2-Nitroaniline	9.38	65	33735	6.004	ng		90
49) Acenaphthylene	9.70	152	229411	7.942	ng		98
50) Dimethylphthalate	9.56	163	182228	8.449	ng		99
51) 2,6-Dinitrotoluene	9.62	165	21085	4.550	ng		89
52) Acenaphthene	9.87	154	131928	7.184	ng		100
53) 3-Nitroaniline	9.79	138	31401	5.403	ng	#	95
55) Dibenzofuran	10.05	168	177902	6.699	ng		97
56) 4-Nitrophenol	9.97	139	30916	7.003	ng		94
57) 2,4-Dinitrotoluene	10.03	165	23723	3.899	ng	#	86
58) Fluorene	10.39	166	165725	8.367	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	24899	4.701	ng	#	95
60) Diethylphthalate	10.26	149	128809	5.904	ng		100
61) 4-Chlorophenyl-phenylether	10.38	204	61495	5.821	ng		100
62) 4-Nitroaniline	10.40	138	32944	5.819	ng		98
63) Azobenzene	10.54	77	112250	5.405	ng		99
65) 4,6-Dinitro-2-methylphenol	10.44	198	457	3.984	ng	#	1
66) n-Nitrosodiphenylamine	10.50	169	110895	6.865	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	34458	6.019	ng		95
68) Hexachlorobenzene	10.94	284	37863	6.114	ng	#	91
69) Atrazine	11.03	200	28004	7.000	ng		97
70) Pentachlorophenol	11.14	266	19606	5.526	ng		100
71) Phenanthrene	11.35	178	444808	16.843	ng		99
72) Anthracene	11.40	178	270042	10.183	ng		99
73) Carbazole	11.56	167	169236	6.431	ng		100
74) Di-n-butylphthalate	11.89	149	200905	6.615	ng		99
75) Fluoranthene	12.54	202	673680	23.014	ng		98
77) Benzidine	12.66	184	25567	2.488	ng	#	91
78) Pyrene	12.77	202	694039	25.115	ng		99
80) Butylbenzylphthalate	13.39	149	72863	5.915	ng		93
81) Benzo(a)anthracene	13.96	228	391481	16.540	ng		96
82) 3,3'-Dichlorobenzidine	13.92	252	46624	5.221	ng		97
83) Chrysene	13.99	228	363638	14.619	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	109082	7.181	ng		99
85) Di-n-octyl phthalate	14.56	149	169685	5.614	ng	#	93
87) Indeno(1,2,3-cd)pyrene	16.86	276	205717	8.306	ng		98
88) Benzo(b)fluoranthene	15.00	252	365732	16.991	ng	#	96
89) Benzo(k)fluoranthene	15.03	252	205040	10.445	ng	#	94
90) Benzo(a)pyrene	15.36	252	285940	14.560	ng		96
91) Dibenzo(a,h)anthracene	16.87	278	121674	6.014	ng		95
92) Benzo(g,h,i)perylene	17.29	276	179994	9.024	ng		96

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

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