Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121128.D
Acq On : 30 Jul 2020 15:07
Operator : JU/CG
Sample : L3183-22MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-072820MS

Manual Integrations APPROVED
Sohil
7/31/2020 12:11:45 PM

Quant Time: Jul 30 16:31:46 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	139246	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	535356	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	284362	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	566052	20.00	ng		0.00
76) Chrysene-d12	13.97	240	471863	20.00	ng		0.00
86) Perylene-d12	15.42	264	543120	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	987362	116.24	ng		0.02
7) Phenol-d6	6.45	99	1128170	102.82	ng		0.00
23) Nitrobenzene-d5	7.36	82	869815	94.01	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	434958	139.74	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1526001	80.12	ng		0.00
79) Terphenyl-d14	12.92	244	1669855	76.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	163932	41.935	ng	#	85
3) Pyridine	3.39	79	327637	31.506	ng		98
4) n-Nitrosodimethylamine	3.29	42	190611	42.865	ng		96
6) Aniline	6.46	93	307491	21.470	ng	#	66
8) 2-Chlorophenol	6.59	128	434083	46.390	ng		99
9) Benzaldehyde	6.35	77	201839	37.286	ng		95
10) Phenol	6.46	94	429081	35.551	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	451381	48.798	ng		98
12) 1,3-Dichlorobenzene	6.74	146	434390	42.812	ng		99
13) 1,4-Dichlorobenzene	6.82	146	438475	43.459	ng		99
14) 1,2-Dichlorobenzene	6.97	146	417056	43.694	ng		99
15) Benzyl Alcohol	6.95	79	356391	45.931	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	561109	42.086	ng		94
17) 2-Methylphenol	7.06	107	337436	40.687	ng		98
18) Hexachloroethane	7.31	117	162387	44.469	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	268190	42.986	ng		97
20) 3+4-Methylphenols	7.22	107	378280	35.855	ng		96
22) Acetophenone	7.21	105	556794	46.342	ng	#	95
24) Nitrobenzene	7.38	77	451514	45.278	ng		97
25) Isophorone	7.62	82	831306	45.020	ng		97
26) 2-Nitrophenol	7.70	139	240907	50.867	ng		100
27) 2,4-Dimethylphenol	7.74	122	376090	48.910	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	526121	46.677	ng		100
29) 2,4-Dichlorophenol	7.95	162	360333	45.859	ng		100
30) 1,2,4-Trichlorobenzene	8.02	180	385324	44.201	ng		99
31) Naphthalene	8.10	128	1213885	44.204	ng		100
32) Benzoic acid	7.86	122	103802	17.983	ng		98
33) 4-Chloroaniline	8.15	127	236869	19.336	ng		98
34) Hexachlorobutadiene	8.22	225	216915	42.209	ng		99
35) Caprolactam	8.54	113	94980m	37.694	ng		
36) 4-Chloro-3-methylphenol	8.65	107	378243	46.937	ng		97
37) 2-Methylnaphthalene	8.80	142	834166	46.783	ng		99
38) 1-Methylnaphthalene	8.89	142	787982	46.661	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	378664	45.704	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	377332	82.405 ng	100
43) 2,4,6-Trichlorophenol	9.08	196	269920	46.271 ng	99
44) 2,4,5-Trichlorophenol	9.12	196	281537	42.547 ng	99
46) 1,1'-Biphenyl	9.26	154	1011188	46.618 ng	98
47) 2-Chloronaphthalene	9.29	162	779841	44.096 ng	99
48) 2-Nitroaniline	9.38	65	246970	46.210 ng	98
49) Acenaphthylene	9.70	152	1253389	45.621 ng	100
50) Dimethylphthalate	9.57	163	979056	47.724 ng	99
51) 2,6-Dinitrotoluene	9.63	165	215687	48.937 ng	97
52) Acenaphthene	9.87	154	802526m	45.945 ng	
53) 3-Nitroaniline	9.79	138	146491	26.501 ng	97
54) 2,4-Dinitrophenol	9.90	184	133799	55.069 ng	92
55) Dibenzofuran	10.05	168	1104295	43.719 ng	99
56) 4-Nitrophenol	9.97	139	314625	74.928 ng	98
57) 2,4-Dinitrotoluene	10.03	165	284527	49.159 ng	90
58) Fluorene	10.39	166	825189	43.802 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	246397	48.907 ng	99
60) Diethylphthalate	10.26	149	958249	46.180 ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	404163	40.223 ng	99
62) 4-Nitroaniline	10.42	138	224613	41.714 ng	99
63) Azobenzene	10.54	77	886574	44.879 ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	122851	38.340 ng	93
66) n-Nitrosodiphenylamine	10.50	169	798886	44.864 ng	99
67) 4-Bromophenyl-phenylether	10.87	248	278464	44.123 ng	99
68) Hexachlorobenzene	10.94	284	312305	45.746 ng	95
69) Atrazine	11.03	200	200680	45.506 ng	97
70) Pentachlorophenol	11.14	266	332878	85.113 ng	98
71) Phenanthrene	11.35	178	1293489	44.431 ng	100
72) Anthracene	11.40	178	1325856	45.355 ng	100
73) Carbazole	11.56	167	1269431	43.757 ng	99
74) Di-n-butylphthalate	11.89	149	1504988	44.954 ng	100
75) Fluoranthene	12.54	202	1464848	45.395 ng	97
77) Benzidine	12.66	184	611186	49.265 ng	98
78) Pyrene	12.77	202	1482011	44.424 ng	100
80) Butylbenzylphthalate	13.39	149	695281	46.752 ng	95
81) Benzo(a)anthracene	13.96	228	1290658	45.170 ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	243591	22.596 ng	99
83) Chrysene	14.00	228	1351063	44.994 ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	872221	47.562 ng	100
85) Di-n-octyl phthalate	14.56	149	1628989	44.648 ng	98
87) Indeno(1,2,3-cd)pyrene	16.86	276	1709037	45.246 ng	99
88) Benzo(b)fluoranthene	15.00	252	1499224	45.667 ng	99
89) Benzo(k)fluoranthene	15.03	252	1335159	44.594 ng	99
90) Benzo(a)pyrene	15.36	252	1332740	44.495 ng	100
91) Dibenzo(a,h)anthracene	16.89	278	1381038	44.760 ng	99
92) Benzo(g,h,i)perylene	17.30	276	1465820	48.183 ng	99

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

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