Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051920\
Data File : BF120365.D
Acq On : 19 May 2020 15:48
Operator : MA/SJ
Sample : L2686-02MS 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-214MS

Manual Integrations APPROVED
mohammad
5/20/2020 1:20:38 PM

Quant Time: May 19 16:48:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 13:17:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	260131	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	856649	20.00	ng		0.00
39) Acenaphthene-d10	9.65	164	333134	20.00	ng		0.00
64) Phenanthrene-d10	11.14	188	477164	20.00	ng		0.01
76) Chrysene-d12	13.77	240	389100	20.00	ng		0.00
87) Perylene-d12	15.16	264	426781	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	687906	51.45	ng		0.00
7) Phenol-d6	6.26	99	906753	53.63	ng		0.00
23) Nitrobenzene-d5	7.16	82	612823	48.98	ng		-0.01
42) 2,4,6-Tribromophenol	10.45	330	143004	52.65	ng		0.01
45) 2-Fluorobiphenyl	8.96	172	1032194	63.66	ng		0.00
79) Terphenyl-d14	12.73	244	628746	35.70	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	83155	15.64	ng		98
3) Pyridine	2.83	79	147410	8.82	ng		97
4) n-Nitrosodimethylamine	2.76	42	95590	14.60	ng	#	99
6) Aniline	6.28	93	209963	9.71	ng		90
8) 2-Chlorophenol	6.39	128	243837	15.64	ng		98
9) Benzaldehyde	6.14	77	141743	13.60	ng		98
10) Phenol	6.27	94	313709	15.90	ng	#	76
11) bis(2-Chloroethyl)ether	6.33	93	230226	14.60	ng		98
12) 1,3-Dichlorobenzene	6.53	146	253468	15.20	ng		98
13) 1,4-Dichlorobenzene	6.61	146	290103	16.89	ng		97
14) 1,2-Dichlorobenzene	6.76	146	274178	17.72	ng		98
15) Benzyl Alcohol	6.75	79	222323	18.51	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	432306	17.40	ng		87
17) 2-Methylphenol	6.87	107	215318	16.36	ng		95
18) Hexachloroethane	7.10	117	102774	15.70	ng		97
19) n-Nitroso-di-n-propylamine	7.02	70	190602	17.21	ng		97
20) 3+4-Methylphenols	7.03	107	289529	16.92	ng		97
22) Acetophenone	7.01	105	379518	21.63	ng	#	98
24) Nitrobenzene	7.18	77	276494	20.53	ng		97
25) Isophorone	7.42	82	456720	17.54	ng		98
26) 2-Nitrophenol	7.50	139	131513	18.67	ng		98
27) 2,4-Dimethylphenol	7.55	122	209582	20.46	ng		95
28) bis(2-Chloroethoxy)methane	7.64	93	303433	18.54	ng		99
29) 2,4-Dichlorophenol	7.76	162	179749	17.08	ng		97
30) 1,2,4-Trichlorobenzene	7.83	180	199283	17.09	ng		97
31) Naphthalene	7.90	128	659916	18.25	ng		98
32) Benzoic acid	7.66	122	84609	12.60	ng		99
33) 4-Chloroaniline	7.97	127	168360	10.22	ng		97
34) Hexachlorobutadiene	8.02	225	111166	16.50	ng		97
35) Caprolactam	8.32	113	57988	16.85	ng	#	79
36) 4-Chloro-3-methylphenol	8.46	107	186682	16.40	ng		96
37) 2-Methylnaphthalene	8.60	142	426356	17.23	ng		97
38) 1-Methylnaphthalene	8.69	142	470303	19.60	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	214540	25.54	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	31518	14.97	ng		95
43) 2,4,6-Trichlorophenol	8.89	196	135502	24.03	ng		96
44) 2,4,5-Trichlorophenol	8.93	196	140271	21.66	ng	#	95
46) 1,1'-Biphenyl	9.06	154	560455	25.68	ng		98
47) 2-Chloronaphthalene	9.09	162	404776	23.12	ng		98
48) 2-Nitroaniline	9.19	65	140895	22.06	ng		96
49) Acenaphthylene	9.50	152	677808	25.34	ng	#	94
50) Dimethylphthalate	9.37	163	620624	29.47	ng		99
51) 2,6-Dinitrotoluene	9.43	165	124254	26.44	ng	#	78
52) Acenaphthene	9.67	154	290587	18.13	ng		98
53) 3-Nitroaniline	9.60	138	91348	16.30	ng	#	84
54) 2,4-Dinitrophenol	9.72	184	35710	16.10	ng	#	79
55) Dibenzofuran	9.85	168	429423	18.60	ng		96
56) 4-Nitrophenol	9.79	139	90156	29.94	ng	#	1
57) 2,4-Dinitrotoluene	9.85	165	86462	15.68	ng	#	83
58) Fluorene	10.20	166	308035	17.52	ng		95
59) 2,3,4,6-Tetrachlorophenol	9.98	232	71307	14.63	ng	#	91
60) Diethylphthalate	10.07	149	365033	17.95	ng	#	89
61) 4-Chlorophenyl-phenylether	10.19	204	147811	16.17	ng		93
62) 4-Nitroaniline	10.22	138	65422	12.53	ng	#	63
63) Azobenzene	10.35	77	317917	16.55	ng		91
65) 4,6-Dinitro-2-methylphenol	10.26	198	26527	10.99	ng	#	1
66) n-Nitrosodiphenylamine	10.31	169	276494	20.94	ng		99
67) 4-Bromophenyl-phenylether	10.68	248	78051	16.86	ng	#	80
68) Hexachlorobenzene	10.76	284	83437	17.22	ng	#	85
69) Atrazine	10.85	200	74822	18.94	ng	#	69
70) Pentachlorophenol	10.96	266	63803	30.97	ng		96
71) Phenanthrene	11.17	178	513814	25.63	ng	#	91
72) Anthracene	11.22	178	443745	20.67	ng	#	92
73) Carbazole	11.37	167	343421	17.12	ng	#	89
74) Di-n-butylphthalate	11.71	149	464454	19.22	ng		96
75) Fluoranthene	12.36	202	954799	44.43	ng		99
78) Pyrene	12.59	202	932952	33.63	ng		99
80) Butylbenzylphthalate	13.20	149	197337	15.11	ng		98
81) Benzo(a)anthracene	13.76	228	765758	37.31	ng		94
82) 3,3'-Dichlorobenzidine	13.72	252	78855	10.20	ng	#	95
83) Chrysene	13.80	228	783181	35.54	ng		99
84) Bis(2-ethylhexyl)phthalate	13.76	149	348845	21.47	ng		100
85) Di-n-octyl phthalate	14.36	149	486498	16.64	ng		100
86) Indeno(1,2,3-cd)pyrene	16.48	276	725558	36.28	ng		94
88) Benzo(b)fluoranthene	14.77	252	1014740	43.54	ng		99
89) Benzo(k)fluoranthene	14.80	252	557980m	27.63	ng		
90) Benzo(a)pyrene	15.10	252	737955	35.30	ng		98
91) Dibenzo(a,h)anthracene	16.49	278	411541	22.22	ng		98
92) Benzo(g,h,i)perylene	16.87	276	626108	33.53	ng		96

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

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