Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114605.D
Acq On : 25 May 2019 15:53
Operator : JU/SJ
Sample : PB119807BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB119807BS

Manual Integrations APPROVED
mohammad
5/27/2019 3:49:48 AM

Quant Time: May 27 00:34:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	151814	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	583343	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	280912	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	548803	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	379202	20.00	ng		-0.02
87) Perylene-d12	15.43	264	368166	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1187434	125.87	ng		0.00
7) Phenol-d6	6.45	99	1507899	135.15	ng		-0.01
23) Nitrobenzene-d5	7.37	82	915098	88.04	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	380202	130.92	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1704937	91.81	ng		-0.02
79) Terphenyl-d14	12.91	244	1695367	92.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	207371	39.992	ng		99
3) Pyridine	3.36	79	411294	28.789	ng		100
4) n-Nitrosodimethylamine	3.30	42	231753	33.639	ng		96
6) Aniline	6.47	93	447733	27.779	ng	#	39
8) 2-Chlorophenol	6.59	128	432876	42.982	ng		98
9) Benzaldehyde	6.35	77	209808	26.860	ng		98
10) Phenol	6.46	94	537713	40.967	ng		81
11) bis(2-Chloroethyl)ether	6.54	93	426960	42.847	ng		98
12) 1,3-Dichlorobenzene	6.74	146	457565	40.475	ng		98
13) 1,4-Dichlorobenzene	6.82	146	466844	40.981	ng		98
14) 1,2-Dichlorobenzene	6.97	146	434251	41.725	ng		98
15) Benzyl Alcohol	6.95	79	346887	39.862	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	757866	39.225	ng		56
17) 2-Methylphenol	7.07	107	343320	41.499	ng	#	89
18) Hexachloroethane	7.31	117	171834	40.186	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	298906	42.265	ng		98
20) 3+4-Methylphenols	7.22	107	453618	47.458	ng	#	72
22) Acetophenone	7.21	105	593550	45.930	ng	#	89
24) Nitrobenzene	7.39	77	457143	43.180	ng		97
25) Isophorone	7.62	82	835430	43.336	ng		99
26) 2-Nitrophenol	7.70	139	236959	46.133	ng		99
27) 2,4-Dimethylphenol	7.75	122	389337	48.262	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	538896	43.084	ng		99
29) 2,4-Dichlorophenol	7.95	162	373350	46.477	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	394188	43.154	ng		99
31) Naphthalene	8.10	128	1249211	45.844	ng		98
32) Benzoic acid	7.90	122	208912m	38.028	ng		
33) 4-Chloroaniline	8.16	127	330311	26.601	ng		97
34) Hexachlorobutadiene	8.22	225	218505	42.041	ng		99
35) Caprolactam	8.53	113	117922m	45.020	ng		
36) 4-Chloro-3-methylphenol	8.66	107	389106	48.122	ng		100
37) 2-Methylnaphthalene	8.80	142	847416	48.201	ng		97
38) 1-Methylnaphthalene	8.90	142	792366	47.859	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	384263	45.157	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	191783	50.086	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	240790	41.139	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	245641	40.923	ng		97
46) 1,1'-Biphenyl	9.26	154	1034470	45.584	ng		98
47) 2-Chloronaphthalene	9.29	162	786880	43.084	ng		99
48) 2-Nitroaniline	9.39	65	260436	40.208	ng		93
49) Acenaphthylene	9.70	152	1235461	44.476	ng		99
50) Dimethylphthalate	9.56	163	907346	44.000	ng		100
51) 2,6-Dinitrotoluene	9.63	165	200197	43.770	ng		95
52) Acenaphthene	9.87	154	733293	43.019	ng		99
53) 3-Nitroaniline	9.80	138	158451	27.907	ng		96
54) 2,4-Dinitrophenol	9.93	184	167750	73.534	ng		92
55) Dibenzofuran	10.05	168	1059082	42.371	ng		99
56) 4-Nitrophenol	9.99	139	207129	51.586	ng		98
57) 2,4-Dinitrotoluene	10.05	165	248079	39.961	ng	#	81
58) Fluorene	10.39	166	878557	45.505	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.17	232	204171m	39.421	ng		
60) Diethylphthalate	10.26	149	909237	43.395	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	421429	44.443	ng		97
62) 4-Nitroaniline	10.42	138	216487	36.285	ng		97
63) Azobenzene	10.54	77	872615	43.026	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	121090	45.918	ng		98
66) n-Nitrosodiphenylamine	10.50	169	771227	46.302	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	264613	43.792	ng		96
68) Hexachlorobenzene	10.95	284	281691	42.140	ng		94
69) Atrazine	11.03	200	227681	43.925	ng		98
70) Pentachlorophenol	11.15	266	183651	57.956	ng		98
71) Phenanthrene	11.35	178	1210095	45.322	ng		99
72) Anthracene	11.40	178	1255068	46.800	ng		99
73) Carbazole	11.56	167	1168407	45.689	ng		98
74) Di-n-butylphthalate	11.88	149	1413540	47.978	ng		100
75) Fluoranthene	12.54	202	1283478	44.639	ng		99
77) Benzidine	12.66	184	633189	37.199	ng		97
78) Pyrene	12.77	202	1295268	42.461	ng		99
80) Butylbenzylphthalate	13.37	149	596976	46.494	ng		99
81) Benzo(a)anthracene	13.96	228	1084605	44.222	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	335041	35.214	ng		98
83) Chrysene	14.00	228	1049311	43.643	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	822546	48.982	ng		100
85) Di-n-octyl phthalate	14.54	149	1358897	49.919	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	993167	46.740	ng		99
88) Benzo(b)fluoranthene	15.00	252	1144809	48.536	ng		99
89) Benzo(k)fluoranthene	15.03	252	973433	44.927	ng		99
90) Benzo(a)pyrene	15.37	252	1003770	48.355	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	833018	48.293	ng		100
92) Benzo(g,h,i)perylene	17.33	276	834769	48.291	ng		99

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

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