Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116338.D
Acq On : 17 Aug 2019 00:42
Operator : HP/JU
Sample : K4355-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200057-200054MS

Manual Integrations APPROVED
mohammad
8/20/2019 8:37:14 AM

Quant Time: Aug 19 01:03:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	149377	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	572018	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	284854	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	426981	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	250454	20.00	ng		-0.03
87) Perylene-d12	15.44	264	299959	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	834466	93.52	ng		-0.02
7) Phenol-d6	6.46	99	1064014	94.51	ng		-0.02
23) Nitrobenzene-d5	7.39	82	683722	69.00	ng		-0.03
42) 2,4,6-Tribromophenol	10.65	330	239012	86.54	ng		-0.03
45) 2-Fluorobiphenyl	9.17	172	1151464	75.72	ng		-0.04
79) Terphenyl-d14	12.92	244	934848	78.65	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	164012	36.384	ng		98
3) Pyridine	3.39	79	435436	34.580	ng		99
4) n-Nitrosodimethylamine	3.35	42	194188	39.077	ng		96
6) Aniline	6.49	93	420314	26.070	ng	#	83
8) 2-Chlorophenol	6.61	128	436366	44.224	ng		98
9) Benzaldehyde	6.37	77	209757	27.003	ng		99
10) Phenol	6.48	94	559181	42.179	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	425800	43.685	ng		99
12) 1,3-Dichlorobenzene	6.76	146	463284	40.627	ng		99
13) 1,4-Dichlorobenzene	6.83	146	473831	41.499	ng		99
14) 1,2-Dichlorobenzene	6.99	146	439975	41.849	ng		99
15) Benzyl Alcohol	6.97	79	350998	41.083	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	546088	41.075	ng		79
17) 2-Methylphenol	7.08	107	356653	42.688	ng		97
18) Hexachloroethane	7.32	117	170893	40.652	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	297793	42.686	ng		98
20) 3+4-Methylphenols	7.24	107	447007	45.212	ng	#	82
22) Acetophenone	7.23	105	583836	46.539	ng		94
24) Nitrobenzene	7.40	77	481879	45.035	ng		99
25) Isophorone	7.64	82	868860	45.853	ng		98
26) 2-Nitrophenol	7.72	139	234043	46.402	ng		97
27) 2,4-Dimethylphenol	7.76	122	382489	50.404	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	534976	45.550	ng		99
29) 2,4-Dichlorophenol	7.97	162	374352	46.722	ng		100
30) 1,2,4-Trichlorobenzene	8.04	180	399352	43.725	ng		99
31) Naphthalene	8.12	128	1234519	45.862	ng		100
32) Benzoic acid	7.93	122	235542	44.026	ng		97
33) 4-Chloroaniline	8.17	127	220602	18.342	ng		98
34) Hexachlorobutadiene	8.23	225	224591	42.692	ng		99
35) Caprolactam	8.55	113	113254m	43.704	ng		
36) 4-Chloro-3-methylphenol	8.67	107	382133	45.845	ng		99
37) 2-Methylnaphthalene	8.81	142	797731	44.999	ng		100
38) 1-Methylnaphthalene	8.91	142	743208	44.315	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	363657	47.753	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	101421	33.392	ng		100
43) 2,4,6-Trichlorophenol	9.10	196	233769	44.598	ng		100
44) 2,4,5-Trichlorophenol	9.15	196	243308	44.904	ng		98
46) 1,1'-Biphenyl	9.27	154	959515	47.712	ng		99
47) 2-Chloronaphthalene	9.30	162	755691	45.148	ng		99
48) 2-Nitroaniline	9.40	65	241250	43.606	ng		95
49) Acenaphthylene	9.72	152	1103726	45.199	ng		99
50) Dimethylphthalate	9.57	163	1059997	54.652	ng		100
51) 2,6-Dinitrotoluene	9.65	165	197565	46.872	ng		96
52) Acenaphthene	9.89	154	688681	45.971	ng		99
53) 3-Nitroaniline	9.82	138	139017	26.692	ng		98
54) 2,4-Dinitrophenol	9.94	184	55895	31.339	ng		96
55) Dibenzofuran	10.06	168	944457	43.352	ng		98
56) 4-Nitrophenol	10.00	139	240975	72.228	ng		95
57) 2,4-Dinitrotoluene	10.06	165	226163	40.301	ng	#	89
58) Fluorene	10.40	166	763598	45.557	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	199599	43.786	ng		99
60) Diethylphthalate	10.27	149	823383	45.471	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	385041	45.358	ng		96
62) 4-Nitroaniline	10.43	138	181503	33.722	ng		98
63) Azobenzene	10.55	77	829128	44.516	ng		98
65) 4,6-Dinitro-2-methylphenol	10.47	198	57442	25.386	ng		96
66) n-Nitrosodiphenylamine	10.51	169	667949	51.974	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	222258	48.625	ng		98
68) Hexachlorobenzene	10.96	284	235934	44.639	ng		99
69) Atrazine	11.04	200	199526	47.192	ng		98
70) Pentachlorophenol	11.16	266	216714	84.454	ng		99
71) Phenanthrene	11.37	178	1106933	50.711	ng		99
72) Anthracene	11.42	178	1051384	47.593	ng		99
73) Carbazole	11.57	167	904199	45.115	ng		100
74) Di-n-butylphthalate	11.89	149	1122405	48.007	ng		99
75) Fluoranthene	12.56	202	1128466	49.382	ng		97
77) Benzidine	12.68	184	110296	13.035	ng		97
78) Pyrene	12.79	202	1141309	60.452	ng		100
80) Butylbenzylphthalate	13.39	149	519488	65.049	ng		96
81) Benzo(a)anthracene	13.97	228	851455	53.189	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	98721	17.751	ng		98
83) Chrysene	14.01	228	823871	53.011	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	611861	58.958	ng		99
85) Di-n-octyl phthalate	14.55	149	926881	56.229	ng		97
86) Indeno(1,2,3-cd)pyrene	16.91	276	864570	66.235	ng		99
88) Benzo(b)fluoranthene	15.02	252	882526	50.884	ng		99
89) Benzo(k)fluoranthene	15.04	252	742518m	43.954	ng		
90) Benzo(a)pyrene	15.38	252	810043	52.247	ng		98
91) Dibenzo(a,h)anthracene	16.91	278	702142	52.318	ng		99
92) Benzo(g,h,i)perylene	17.34	276	722880	54.846	ng		95

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

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