Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112232.D
Acq On : 25 Jan 2019 14:44
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
1/29/2019 12:31:16 AM

Quant Time: Jan 25 15:42:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 25 15:22:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	204386	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	778892	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	376694	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	739789	20.00	ng		0.00
76) Chrysene-d12	14.02	240	426627	20.00	ng		0.00
87) Perylene-d12	15.47	264	434157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	838698	74.48	ng		0.00
7) Phenol-d6	6.50	99	1319214	93.64	ng		0.00
23) Nitrobenzene-d5	7.42	82	1308874	116.10	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	455403	112.07	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2462847	95.86	ng		0.00
79) Terphenyl-d14	12.96	244	2215760	110.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	173447	32.842	ng		93
3) Pyridine	3.37	79	454778	34.381	ng		98
4) n-Nitrosodimethylamine	3.33	42	194224	36.164	ng		89
6) Aniline	6.52	93	795358	46.415	ng		87
8) 2-Chlorophenol	6.64	128	643495	49.204	ng		97
9) Benzaldehyde	6.40	77	297778	37.339	ng		98
10) Phenol	6.51	94	721086	46.831	ng		95
11) bis(2-Chloroethyl)ether	6.58	93	589594	48.158	ng		99
12) 1,3-Dichlorobenzene	6.79	146	728376	48.802	ng		98
13) 1,4-Dichlorobenzene	6.86	146	745879	48.857	ng		97
14) 1,2-Dichlorobenzene	7.02	146	683809	48.626	ng		97
15) Benzyl Alcohol	6.99	79	543486	51.777	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	719826	40.771	ng		76
17) 2-Methylphenol	7.11	107	488646	49.752	ng		93
18) Hexachloroethane	7.36	117	265561	52.117	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	443258	51.644	ng		95
20) 3+4-Methylphenols	7.26	107	625187	52.499	ng		98
22) Acetophenone	7.26	105	903125	50.049	ng		99
24) Nitrobenzene	7.43	77	650028	54.404	ng		97
25) Isophorone	7.67	82	1056830	48.533	ng		97
26) 2-Nitrophenol	7.75	139	368819	65.386	ng	#	90
27) 2,4-Dimethylphenol	7.79	122	493240	48.798	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	716323	47.956	ng		100
29) 2,4-Dichlorophenol	8.00	162	552922	50.075	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	629144	49.097	ng		99
31) Naphthalene	8.15	128	1755947	49.566	ng		99
32) Benzoic acid	7.94	122	321563m	77.330	ng		
33) 4-Chloroaniline	8.20	127	757779	47.595	ng		100
34) Hexachlorobutadiene	8.27	225	366507	51.395	ng		99
35) Caprolactam	8.59	113	185868	48.095	ng		99
36) 4-Chloro-3-methylphenol	8.70	107	565895	52.473	ng		98
37) 2-Methylnaphthalene	8.85	142	1187981	49.383	ng		96
38) 1-Methylnaphthalene	8.95	142	1136398	49.154	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	609087	50.354	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	210761	53.170	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	388552	53.696	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	411654	53.413	ng		96
46) 1,1'-Biphenyl	9.31	154	1583759	50.281	ng		98
47) 2-Chloronaphthalene	9.33	162	1241766	50.364	ng		95
48) 2-Nitroaniline	9.43	65	347850	62.636	ng		100
49) Acenaphthylene	9.75	152	1814908	50.443	ng		100
50) Dimethylphthalate	9.61	163	1429453	52.034	ng		99
51) 2,6-Dinitrotoluene	9.67	165	326852	59.577	ng		93
52) Acenaphthene	9.92	154	1084305	49.256	ng		99
53) 3-Nitroaniline	9.85	138	348910	56.872	ng		92
54) 2,4-Dinitrophenol	9.96	184	112753	96.425	ng		95
55) Dibenzofuran	10.09	168	1619549	48.648	ng		93
56) 4-Nitrophenol	10.02	139	197462	51.785	ng		95
57) 2,4-Dinitrotoluene	10.08	165	421570	64.486	ng	#	87
58) Fluorene	10.43	166	1244224	50.022	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	323949	55.702	ng		97
60) Diethylphthalate	10.30	149	1409941	52.578	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	676510	50.403	ng		90
62) 4-Nitroaniline	10.46	138	348895	57.272	ng		96
63) Azobenzene	10.59	77	1265258	49.270	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	216786	82.646	ng		99
66) n-Nitrosodiphenylamine	10.55	169	1183527	48.393	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	414712	48.262	ng		95
68) Hexachlorobenzene	10.99	284	457446	49.419	ng		97
69) Atrazine	11.07	200	380533	48.218	ng		96
70) Pentachlorophenol	11.19	266	201396	52.614	ng		95
71) Phenanthrene	11.40	178	1790052	48.080	ng		100
72) Anthracene	11.45	178	1801801	47.775	ng		99
73) Carbazole	11.60	167	1711394	45.298	ng		98
74) Di-n-butylphthalate	11.93	149	2045129	48.123	ng		99
75) Fluoranthene	12.59	202	1659229	42.210	ng		100
77) Benzidine	12.70	184	581976	40.885	ng		99
78) Pyrene	12.82	202	1468942	52.188	ng		99
80) Butylbenzylphthalate	13.42	149	730791	59.182	ng		93
81) Benzo(a)anthracene	14.00	228	1262369	51.606	ng		98
82) 3,3'-Dichlorobenzidine	13.96	252	444421	48.513	ng	#	98
83) Chrysene	14.04	228	1179443	50.956	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1035406	58.507	ng		97
85) Di-n-octyl phthalate	14.59	149	1570191	57.585	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1076541	50.413	ng		97
88) Benzo(b)fluoranthene	15.05	252	1264451	51.308	ng		100
89) Benzo(k)fluoranthene	15.08	252	1261410	52.883	ng		99
90) Benzo(a)pyrene	15.42	252	1162866	51.453	ng		98
91) Dibenzo(a,h)anthracene	16.97	278	908529	45.260	ng		98
92) Benzo(g,h,i)perylene	17.40	276	861686	43.573	ng		95

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

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