Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116024.D
Acq On : 6 Aug 2019 20:15
Operator : HP/JU
Sample : K4129-15MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Manual Integrations APPROVED
mohammad
8/7/2019 4:42:06 PM

Quant Time: Aug 07 04:54:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	129481	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	498949	20.00	ng		-0.01
39) Acenaphthene-d10	9.88	164	268180	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	475592	20.00	ng		-0.02
76) Chrysene-d12	14.00	240	338809	20.00	ng		-0.02
87) Perylene-d12	15.47	264	374014	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	935429	120.94	ng		0.02
7) Phenol-d6	6.49	99	1161513	119.03	ng		0.00
23) Nitrobenzene-d5	7.41	82	863914	99.95	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	358051	137.71	ng		-0.02
45) 2-Fluorobiphenyl	9.20	172	1510058	105.47	ng		-0.02
79) Terphenyl-d14	12.94	244	1619000	100.69	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	148211	37.931	ng	#	86
3) Pyridine	3.51	79	284959	26.107	ng		98
4) n-Nitrosodimethylamine	3.43	42	174173	40.435	ng		96
6) Aniline	6.52	93	129159	9.242	ng	#	83
8) 2-Chlorophenol	6.63	128	382886	44.767	ng		95
9) Benzaldehyde	6.40	77	189709	28.175	ng		98
10) Phenol	6.50	94	424636	36.952	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	387750	45.894	ng		99
12) 1,3-Dichlorobenzene	6.79	146	425644	43.062	ng		98
13) 1,4-Dichlorobenzene	6.86	146	431852	43.635	ng		98
14) 1,2-Dichlorobenzene	7.02	146	398480	43.726	ng		99
15) Benzyl Alcohol	6.99	79	334616	45.184	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	506077	43.915	ng		93
17) 2-Methylphenol	7.10	107	323066	44.609	ng		96
18) Hexachloroethane	7.36	117	159146	43.675	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	275645	45.583	ng		98
20) 3+4-Methylphenols	7.26	107	390829	45.604	ng	#	72
22) Acetophenone	7.25	105	547060	49.993	ng		98
24) Nitrobenzene	7.43	77	445122	47.692	ng		97
25) Isophorone	7.66	82	802772	48.569	ng		99
26) 2-Nitrophenol	7.74	139	214049	48.652	ng		99
27) 2,4-Dimethylphenol	7.78	122	348572	52.662	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	493668	48.188	ng		99
29) 2,4-Dichlorophenol	7.99	162	343849	49.200	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	372757	46.790	ng		99
31) Naphthalene	8.15	128	1144822	48.758	ng		100
32) Benzoic acid	7.90	122	100440	21.523	ng		99
33) 4-Chloroaniline	8.20	127	88933	8.477	ng		99
34) Hexachlorobutadiene	8.26	225	211771	46.150	ng		99
35) Caprolactam	8.56	113	78897m	34.904	ng		
36) 4-Chloro-3-methylphenol	8.69	107	354697	48.785	ng		99
37) 2-Methylnaphthalene	8.84	142	778648	50.355	ng		99
38) 1-Methylnaphthalene	8.93	142	729446	49.864	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	354426	49.435	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	182000	58.282 ng	100
43) 2,4,6-Trichlorophenol	9.12	196	224781	45.549 ng	100
44) 2,4,5-Trichlorophenol	9.16	196	241279	47.298 ng	96
46) 1,1'-Biphenyl	9.30	154	954982	50.439 ng	99
47) 2-Chloronaphthalene	9.33	162	747101	47.410 ng	99
48) 2-Nitroaniline	9.42	65	233172	44.766 ng	92
49) Acenaphthylene	9.74	152	1140933	49.628 ng	100
50) Dimethylphthalate	9.60	163	873622	47.843 ng	100
51) 2,6-Dinitrotoluene	9.66	165	192961	48.627 ng	88
52) Acenaphthene	9.91	154	678993	48.142 ng	100
53) 3-Nitroaniline	9.83	138	75226	15.342 ng	97
54) 2,4-Dinitrophenol	9.95	184	81800	44.384 ng	96
55) Dibenzofuran	10.09	168	1010659	49.275 ng	98
56) 4-Nitrophenol	10.01	139	244646	77.887 ng	96
57) 2,4-Dinitrotoluene	10.07	165	247274	46.802 ng	95
58) Fluorene	10.43	166	774694	49.092 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	202406	47.162 ng	98
60) Diethylphthalate	10.30	149	833870	48.913 ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	387985	48.547 ng	99
62) 4-Nitroaniline	10.45	138	201961	39.856 ng	99
63) Azobenzene	10.57	77	867577	49.477 ng	100
65) 4,6-Dinitro-2-methylphenol	10.49	198	80658	32.003 ng	97
66) n-Nitrosodiphenylamine	10.54	169	694538	48.519 ng	100
67) 4-Bromophenyl-phenylether	10.90	248	240933	47.323 ng	98
68) Hexachlorobenzene	10.98	284	268020	45.526 ng	99
69) Atrazine	11.06	200	220523	46.827 ng	99
70) Pentachlorophenol	11.17	266	207307	72.531 ng	98
71) Phenanthrene	11.39	178	1134222	46.650 ng	99
72) Anthracene	11.45	178	1171890	47.626 ng	99
73) Carbazole	11.60	167	1052571	47.150 ng	99
74) Di-n-butylphthalate	11.92	149	1304522	50.093 ng	100
75) Fluoranthene	12.58	202	1180146	46.365 ng	100
77) Benzidine	12.70	184	52994	4.630 ng	98
78) Pyrene	12.81	202	1190872	46.628 ng	100
80) Butylbenzylphthalate	13.42	149	544921	50.439 ng	98
81) Benzo(a)anthracene	13.99	228	987250	45.589 ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	140660	18.696 ng	99
83) Chrysene	14.03	228	980251	46.625 ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	765605	54.534 ng	100
85) Di-n-octyl phthalate	14.59	149	1219207	54.675 ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1140101	64.566 ng	99
88) Benzo(b)fluoranthene	15.04	252	983214	45.465 ng	98
89) Benzo(k)fluoranthene	15.07	252	937154	44.491 ng	99
90) Benzo(a)pyrene	15.41	252	942326	48.745 ng	99
91) Dibenzo(a,h)anthracene	16.95	278	950137	56.779 ng	98
92) Benzo(g,h,i)perylene	17.39	276	963329	58.617 ng	99

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

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