Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070119\
Data File : BF115346.D
Acq On : 1 Jul 2019 18:47
Operator : HP/JU
Sample : K3606-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MS

Manual Integrations APPROVED
mohammad
7/2/2019 2:53:47 PM

Quant Time: Jul 02 09:16:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	205306	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	798286	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	375315	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	702247	20.00	ng		0.00
76) Chrysene-d12	13.72	240	434530	20.00	ng		0.00
87) Perylene-d12	15.09	264	377375	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	665061	49.99	ng		0.01
7) Phenol-d6	6.24	99	854024	52.89	ng		0.00
23) Nitrobenzene-d5	7.16	82	491900	37.91	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	216406	54.68	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	985904	44.62	ng		0.00
79) Terphenyl-d14	12.68	244	966589	47.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	86500	13.776	ng		97
3) Pyridine	2.85	79	223297	12.618	ng		99
4) n-Nitrosodimethylamine	2.78	42	94123	13.567	ng		95
6) Aniline	6.26	93	203551	9.172	ng	#	82
8) 2-Chlorophenol	6.38	128	248758	16.628	ng		99
9) Benzaldehyde	6.14	77	138277	13.125	ng		97
10) Phenol	6.25	94	300361	15.879	ng		97
11) bis(2-Chloroethyl)ether	6.34	93	227601	16.323	ng		98
12) 1,3-Dichlorobenzene	6.54	146	269471	16.231	ng		98
13) 1,4-Dichlorobenzene	6.62	146	273444	16.424	ng		99
14) 1,2-Dichlorobenzene	6.77	146	256799	16.656	ng		100
15) Benzyl Alcohol	6.74	79	184987	15.732	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.89	45	307326	15.197	ng		98
17) 2-Methylphenol	6.87	107	199121	16.126	ng		99
18) Hexachloroethane	7.11	117	72550	12.087	ng		96
19) n-Nitroso-di-n-propylamine	7.02	70	157854	15.269	ng		99
20) 3+4-Methylphenols	7.02	107	250292	17.554	ng	#	78
22) Acetophenone	7.01	105	332386	18.188	ng	#	94
24) Nitrobenzene	7.18	77	237675	16.625	ng		97
25) Isophorone	7.42	82	436563	16.422	ng		99
26) 2-Nitrophenol	7.50	139	97170	13.763	ng		99
27) 2,4-Dimethylphenol	7.55	122	213967	18.510	ng		99
28) bis(2-Chloroethoxy)methane	7.64	93	280436	16.690	ng		100
29) 2,4-Dichlorophenol	7.74	162	205716	17.244	ng		97
30) 1,2,4-Trichlorobenzene	7.83	180	223844	16.987	ng		98
31) Naphthalene	7.91	128	748110	19.091	ng		98
32) Benzoic acid	7.65	122	6018m	0.729	ng		
33) 4-Chloroaniline	7.95	127	215982	12.060	ng		99
34) Hexachlorobutadiene	8.03	225	120531	16.692	ng		98
35) Caprolactam	8.30	113	62945	15.694	ng		98
36) 4-Chloro-3-methylphenol	8.44	107	201994	16.720	ng		97
37) 2-Methylnaphthalene	8.60	142	482346	18.256	ng		98
38) 1-Methylnaphthalene	8.70	142	446747	17.704	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	208479	19.657	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	29997	4.770	ng		95
43) 2,4,6-Trichlorophenol	8.87	196	141338	17.262	ng		98
44) 2,4,5-Trichlorophenol	8.91	196	151894	18.014	ng		98
46) 1,1'-Biphenyl	9.06	154	567312	18.891	ng		97
47) 2-Chloronaphthalene	9.08	162	431204	17.702	ng		98
48) 2-Nitroaniline	9.17	65	136543	19.227	ng		95
49) Acenaphthylene	9.49	152	735100	19.369	ng		97
50) Dimethylphthalate	9.36	163	608614	22.041	ng		98
51) 2,6-Dinitrotoluene	9.41	165	95375	14.961	ng		100
52) Acenaphthene	9.66	154	415598	17.500	ng		99
53) 3-Nitroaniline	9.58	138	137748	17.707	ng		99
54) 2,4-Dinitrophenol	9.69	184	1813	7.846	ng	#	52
55) Dibenzofuran	9.83	168	621645	18.237	ng		97
56) 4-Nitrophenol	9.74	139	178862	28.678	ng		97
57) 2,4-Dinitrotoluene	9.81	165	115314	14.009	ng		87
58) Fluorene	10.17	166	484437	17.290	ng		100
59) 2,3,4,6-Tetrachlorophenol	9.95	232	122381	17.309	ng		96
60) Diethylphthalate	10.06	149	489911	17.650	ng		99
61) 4-Chlorophenyl-phenylether	10.17	204	214853	15.455	ng		100
62) 4-Nitroaniline	10.18	138	145844	18.688	ng		100
63) Azobenzene	10.33	77	427867	16.504	ng		98
65) 4,6-Dinitro-2-methylphenol	10.22	198	3928	5.903	ng	#	71
66) n-Nitrosodiphenylamine	10.29	169	407507	18.626	ng		100
67) 4-Bromophenyl-phenylether	10.65	248	134354	17.646	ng		98
68) Hexachlorobenzene	10.72	284	143537	17.368	ng		99
69) Atrazine	10.82	200	128424	18.248	ng		99
70) Pentachlorophenol	10.91	266	145380	27.613	ng		99
71) Phenanthrene	11.13	178	1162242	30.739	ng		98
72) Anthracene	11.18	178	838480	21.969	ng		99
73) Carbazole	11.33	167	646337	18.965	ng		99
74) Di-n-butylphthalate	11.68	149	739480	18.777	ng		100
75) Fluoranthene	12.31	202	1547370	41.017	ng		97
77) Benzidine	12.43	184	236857	12.276	ng		98
78) Pyrene	12.54	202	1505329	45.078	ng		99
80) Butylbenzylphthalate	13.17	149	341123	23.147	ng		95
81) Benzo(a)anthracene	13.72	228	968684	31.069	ng		100
82) 3,3'-Dichlorobenzidine	13.68	252	179565	15.948	ng		98
83) Chrysene	13.75	228	915762	32.064	ng		99
84) Bis(2-ethylhexyl)phthalate	13.74	149	430696	22.304	ng	#	99
85) Di-n-octyl phthalate	14.34	149	620187	19.115	ng		99
86) Indeno(1,2,3-cd)pyrene	16.37	276	522041	15.447	ng		97
88) Benzo(b)fluoranthene	14.72	252	802004	34.060	ng		98
89) Benzo(k)fluoranthene	14.74	252	558429	26.445	ng		99
90) Benzo(a)pyrene	15.04	252	663162	31.247	ng		100
91) Dibenzo(a,h)anthracene	16.38	278	349647	17.647	ng		98
92) Benzo(g,h,i)perylene	16.74	276	446153	22.248	ng		98

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

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