Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115149.D
Acq On : 24 Jun 2019 15:47
Operator : HP/JU
Sample : K3447-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SIDEWALL-1MS

Manual Integrations APPROVED
mohammad
6/28/2019 8:25:11 AM

Quant Time: Jun 25 08:03:45 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 21 17:55:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	296774	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1150849	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	521879	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	1003822	20.00	ng		0.00
76) Chrysene-d12	13.74	240	584786	20.00	ng		-0.01
87) Perylene-d12	15.10	264	648930	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	2020167	105.04	ng		0.01
7) Phenol-d6	6.26	99	2558611	109.61	ng		0.00
23) Nitrobenzene-d5	7.18	82	1585917	84.77	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	1157821	210.38	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	2705123	88.05	ng		0.00
79) Terphenyl-d14	12.70	244	4019083	146.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	248458	27.375	ng		100
3) Pyridine	2.93	79	673020	26.309	ng		98
4) n-Nitrosodimethylamine	2.84	42	302458	30.160	ng		100
6) Aniline	6.28	93	594726m	18.538	ng		
8) 2-Chlorophenol	6.40	128	706324	32.663	ng		96
9) Benzaldehyde	6.15	77	801982	52.662	ng		90
10) Phenol	6.27	94	860784	31.482	ng		99
11) bis(2-Chloroethyl)ether	6.36	93	689649	34.217	ng		98
12) 1,3-Dichlorobenzene	6.55	146	751752	31.324	ng		99
13) 1,4-Dichlorobenzene	6.63	146	793045	32.953	ng		99
14) 1,2-Dichlorobenzene	6.78	146	736536	33.048	ng		98
15) Benzyl Alcohol	6.77	79	566106	33.306	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	957003	32.737	ng		99
17) 2-Methylphenol	6.88	107	605332	33.913	ng		98
18) Hexachloroethane	7.13	117	283909	32.723	ng		97
19) n-Nitroso-di-n-propylamine	7.04	70	470699	31.497	ng		98
20) 3+4-Methylphenols	7.04	107	684181	33.196	ng	#	84
22) Acetophenone	7.03	105	933799	35.443	ng	#	97
24) Nitrobenzene	7.20	77	737986	35.806	ng		99
25) Isophorone	7.45	82	1383786	36.107	ng		99
26) 2-Nitrophenol	7.51	139	413753	40.650	ng		98
27) 2,4-Dimethylphenol	7.56	122	706254	42.379	ng		98
28) bis(2-Chloroethoxy)methane	7.65	93	815495	33.666	ng		99
29) 2,4-Dichlorophenol	7.75	162	627935	36.512	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	677305	35.654	ng		100
31) Naphthalene	7.92	128	2071848	36.675	ng		100
32) Benzoic acid	7.68	122	200365	16.843	ng		98
33) 4-Chloroaniline	7.97	127	361220	13.991	ng		99
34) Hexachlorobutadiene	8.04	225	369979	35.540	ng		98
35) Caprolactam	8.36	113	232783m	40.259	ng		
36) 4-Chloro-3-methylphenol	8.45	107	642617	36.896	ng		99
37) 2-Methylnaphthalene	8.61	142	2251377	59.107	ng		97
38) 1-Methylnaphthalene	8.71	142	1258957	34.607	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	600307	40.706	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	771719	88.250	ng		100
43) 2,4,6-Trichlorophenol	8.88	196	822974	72.283	ng		99
44) 2,4,5-Trichlorophenol	8.92	196	394656	33.660	ng		99
46) 1,1'-Biphenyl	9.07	154	1673027	40.065	ng		99
47) 2-Chloronaphthalene	9.09	162	1345247	39.716	ng		97
48) 2-Nitroaniline	9.19	65	392984	39.795	ng		87
49) Acenaphthylene	9.51	152	2020166	38.280	ng		99
50) Dimethylphthalate	9.38	163	1606839	41.849	ng		99
51) 2,6-Dinitrotoluene	9.43	165	322161	36.343	ng		99
52) Acenaphthene	9.68	154	1329437	40.258	ng		96
53) 3-Nitroaniline	9.57	138	301884	27.907	ng		98
54) 2,4-Dinitrophenol	9.70	184	365592	80.136	ng		98
55) Dibenzofuran	9.85	168	1667168	35.175	ng		99
56) 4-Nitrophenol	9.76	139	1096475	126.433	ng		97
57) 2,4-Dinitrotoluene	9.83	165	797012	69.634	ng	#	76
58) Fluorene	10.17	166	2229413	75.046	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	651810	66.298	ng		99
60) Diethylphthalate	10.08	149	2538712	65.777	ng		100
61) 4-Chlorophenyl-phenylether	10.18	204	1052631	74.680	ng		97
62) 4-Nitroaniline	10.20	138	580266	53.471	ng		96
63) Azobenzene	10.34	77	2374993	65.881	ng		99
65) 4,6-Dinitro-2-methylphenol	10.24	198	309282	56.882	ng		93
66) n-Nitrosodiphenylamine	10.30	169	2202531	70.427	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	759626	69.796	ng		98
68) Hexachlorobenzene	10.73	284	808349	68.427	ng		95
69) Atrazine	10.83	200	672936	66.891	ng		99
70) Pentachlorophenol	10.92	266	800773	106.402	ng		97
71) Phenanthrene	11.14	178	3452103	63.872	ng		100
72) Anthracene	11.19	178	3521113	64.540	ng		99
73) Carbazole	11.34	167	3167222	65.012	ng		99
74) Di-n-butylphthalate	11.69	149	3707417	65.856	ng		98
75) Fluoranthene	12.32	202	3448078	63.942	ng		97
77) Benzidine	12.44	184	1139117	43.868	ng		99
78) Pyrene	12.54	202	3432987	76.389	ng		99
80) Butylbenzylphthalate	13.18	149	1459481	73.589	ng		97
81) Benzo(a)anthracene	13.72	228	2761888	65.821	ng		99
82) 3,3'-Dichlorobenzidine	13.69	252	653364	43.119	ng		99
83) Chrysene	13.77	228	2386383	62.086	ng		97
84) Bis(2-ethylhexyl)phthalate	13.75	149	1740388	66.970	ng		98
85) Di-n-octyl phthalate	14.35	149	2773648	63.523	ng		100
86) Indeno(1,2,3-cd)pyrene	16.38	276	3220828	70.816	ng		99
88) Benzo(b)fluoranthene	14.73	252	2571657	63.511	ng		98
89) Benzo(k)fluoranthene	14.76	252	2400440	66.106	ng		99
90) Benzo(a)pyrene	15.05	252	2512867	68.854	ng		99
91) Dibenzo(a,h)anthracene	16.41	278	2546268	74.734	ng		100
92) Benzo(g,h,i)perylene	16.77	276	2789582	80.896	ng		98

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

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