Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115606.D
Acq On : 16 Jul 2019 19:18
Operator : HP/JU
Sample : K3830-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1873MSD

Manual Integrations APPROVED
mohammad
7/17/2019 12:06:30 PM

Quant Time: Jul 17 05:23:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	160423	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	630587	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	303111	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	541449	20.00	ng		0.00
76) Chrysene-d12	14.04	240	324258	20.00	ng		0.00
87) Perylene-d12	15.51	264	422084	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1082080	110.33	ng		0.00
7) Phenol-d6	6.52	99	1495583	120.18	ng		0.00
23) Nitrobenzene-d5	7.45	82	919564	84.79	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	384796	108.76	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1547626	89.37	ng		-0.01
79) Terphenyl-d14	12.99	244	1406411	80.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	161431	32.998	ng		97
3) Pyridine	3.47	79	419993	31.643	ng		99
4) n-Nitrosodimethylamine	3.40	42	175126	36.370	ng		97
6) Aniline	6.55	93	348530	20.125	ng		97
8) 2-Chlorophenol	6.67	128	427886	37.947	ng		98
9) Benzaldehyde	6.43	77	216127	27.791	ng		97
10) Phenol	6.53	94	536678	37.149	ng		82
11) bis(2-Chloroethyl)ether	6.62	93	413019	37.551	ng		98
12) 1,3-Dichlorobenzene	6.83	146	452228	35.671	ng		99
13) 1,4-Dichlorobenzene	6.90	146	457613	36.177	ng		97
14) 1,2-Dichlorobenzene	7.06	146	424884	36.745	ng		97
15) Benzyl Alcohol	7.02	79	374369	37.922	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	547687	37.822	ng		96
17) 2-Methylphenol	7.13	107	362712	37.326	ng		98
18) Hexachloroethane	7.40	117	161057	34.304	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	292226	36.005	ng		96
20) 3+4-Methylphenols	7.29	107	428285	37.105	ng	#	83
22) Acetophenone	7.29	105	574915	40.357	ng	#	98
24) Nitrobenzene	7.46	77	455603	38.950	ng		98
25) Isophorone	7.70	82	837326	38.586	ng		99
26) 2-Nitrophenol	7.78	139	229779	38.165	ng		97
27) 2,4-Dimethylphenol	7.82	122	372651	41.367	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	513823	38.596	ng		99
29) 2,4-Dichlorophenol	8.02	162	361148	38.548	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	397753	37.559	ng		99
31) Naphthalene	8.19	128	1211772	39.679	ng		97
32) Benzoic acid	7.87	122	15144	2.048	ng	#	83
33) 4-Chloroaniline	8.23	127	201344	14.884	ng		99
34) Hexachlorobutadiene	8.31	225	217534	35.820	ng		99
35) Caprolactam	8.59	113	112630m	38.905	ng		
36) 4-Chloro-3-methylphenol	8.72	107	382991	39.410	ng		98
37) 2-Methylnaphthalene	8.88	142	802435	39.639	ng		98
38) 1-Methylnaphthalene	8.98	142	767922	39.937	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	365392	40.031	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	205252	39.420	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	255777	38.318	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	271989	39.788	ng		98
46) 1,1'-Biphenyl	9.35	154	975086	41.148	ng		97
47) 2-Chloronaphthalene	9.37	162	764004	38.720	ng		97
48) 2-Nitroaniline	9.46	65	240782	39.426	ng		98
49) Acenaphthylene	9.78	152	1204078	41.183	ng		98
50) Dimethylphthalate	9.64	163	1161262	50.921	ng		100
51) 2,6-Dinitrotoluene	9.70	165	201970	38.971	ng		97
52) Acenaphthene	9.96	154	697095	36.930	ng		99
53) 3-Nitroaniline	9.86	138	153688	25.950	ng		100
54) 2,4-Dinitrophenol	9.97	184	34433	12.941	ng	#	58
55) Dibenzofuran	10.13	168	1032204	38.506	ng		99
56) 4-Nitrophenol	10.03	139	318051	70.425	ng		97
57) 2,4-Dinitrotoluene	10.10	165	261475	38.943	ng		92
58) Fluorene	10.47	166	760323	39.676	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	211604	37.029	ng		99
60) Diethylphthalate	10.34	149	853417	39.940	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	394684	37.140	ng		95
62) 4-Nitroaniline	10.48	138	190779	33.582	ng		99
63) Azobenzene	10.62	77	862060	41.594	ng		98
65) 4,6-Dinitro-2-methylphenol	10.51	198	60578	18.312	ng		95
66) n-Nitrosodiphenylamine	10.57	169	709164	42.106	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	240514	38.871	ng		96
68) Hexachlorobenzene	11.02	284	257272	36.409	ng		95
69) Atrazine	11.10	200	228976	41.441	ng		100
70) Pentachlorophenol	11.21	266	263144	60.888	ng		99
71) Phenanthrene	11.43	178	1254479	45.200	ng		97
72) Anthracene	11.48	178	1132872	39.496	ng		100
73) Carbazole	11.63	167	976291	38.815	ng		98
74) Di-n-butylphthalate	11.96	149	1185187	38.254	ng		99
75) Fluoranthene	12.62	202	1365016	46.542	ng		99
77) Benzidine	12.73	184	412194	35.884	ng		99
78) Pyrene	12.84	202	1292685	47.054	ng		98
80) Butylbenzylphthalate	13.46	149	429162	36.645	ng		94
81) Benzo(a)anthracene	14.03	228	968076	45.317	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	258492	34.038	ng		98
83) Chrysene	14.07	228	1002472	46.747	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	599007	41.292	ng		98
85) Di-n-octyl phthalate	14.63	149	1051076	45.538	ng		98
86) Indeno(1,2,3-cd)pyrene	16.99	276	954324	52.381	ng		99
88) Benzo(b)fluoranthene	15.09	252	1096545	40.346	ng		100
89) Benzo(k)fluoranthene	15.12	252	937199	38.677	ng		99
90) Benzo(a)pyrene	15.46	252	983614	42.107	ng		100
91) Dibenzo(a,h)anthracene	17.01	278	714881	34.859	ng		99
92) Benzo(g,h,i)perylene	17.44	276	760523	37.184	ng		98

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

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