Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000687.D
Acq On : 12 Oct 2019 23:11
Operator : JU
Sample : K5348-11MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20190879-COMPOSITE-KMS

Manual Integrations APPROVED
mohammad
10/16/2019 8:08:12 AM

Quant Time: Oct 14 06:30:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	232097	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	819885	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	444978	20.00	ng		-0.02
64) Phenanthrene-d10	11.30	188	814329	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	629655	20.00	ng		-0.01
87) Perylene-d12	15.45	264	735615	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	992629	68.75	ng		-0.02
7) Phenol-d6	6.39	99	1688650	97.05	ng		-0.02
23) Nitrobenzene-d5	7.31	82	990894	73.81	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	275358	58.07	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	1901641	69.15	ng		-0.02
79) Terphenyl-d14	12.90	244	2135944	68.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	220339	38.214	ng		99
3) Pyridine	3.22	79	566274	35.945	ng		99
4) n-Nitrosodimethylamine	3.16	42	179282	40.442	ng		99
6) Aniline	6.41	93	351097	16.610	ng	#	1
8) 2-Chlorophenol	6.54	128	616964	43.295	ng		98
9) Benzaldehyde	6.29	77	340762	37.599	ng		97
10) Phenol	6.40	94	881243	49.467	ng		99
11) bis(2-Chloroethyl)ether	6.49	93	603080	44.001	ng		97
12) 1,3-Dichlorobenzene	6.69	146	685735	39.698	ng		100
13) 1,4-Dichlorobenzene	6.77	146	692014	39.812	ng		98
14) 1,2-Dichlorobenzene	6.92	146	642859	40.058	ng		100
15) Benzyl Alcohol	6.89	79	476022	42.363	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	513180	40.592	ng		96
17) 2-Methylphenol	7.01	107	499114	42.381	ng		97
18) Hexachloroethane	7.26	117	234870	37.966	ng		98
19) n-Nitroso-di-n-propylamine	7.16	70	335123	41.786	ng		99
20) 3+4-Methylphenols	7.16	107	626048	45.431	ng	#	83
22) Acetophenone	7.16	105	818338	43.196	ng		97
24) Nitrobenzene	7.33	77	573949	44.330	ng		95
25) Isophorone	7.57	82	1066849	44.778	ng		97
26) 2-Nitrophenol	7.65	139	319404	46.911	ng		95
27) 2,4-Dimethylphenol	7.69	122	536282	51.383	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	708708	43.771	ng		99
29) 2,4-Dichlorophenol	7.90	162	539382	45.707	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	593273	42.807	ng		99
31) Naphthalene	8.06	128	1703649	44.492	ng		99
32) Benzoic acid	7.82	122	285874	43.379	ng		98
33) 4-Chloroaniline	8.10	127	160487	9.545	ng		99
34) Hexachlorobutadiene	8.18	225	344418	41.121	ng		98
35) Caprolactam	8.47	113	174249m	44.085	ng		
36) 4-Chloro-3-methylphenol	8.60	107	530552	45.903	ng		99
37) 2-Methylnaphthalene	8.75	142	1171285	45.566	ng		100
38) 1-Methylnaphthalene	8.85	142	1089263	44.847	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	596808	42.374	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	225448	43.640	ng	99
43) 2,4,6-Trichlorophenol	9.03	196	375851	43.351	ng	99
44) 2,4,5-Trichlorophenol	9.08	196	407455	45.518	ng	98
46) 1,1'-Biphenyl	9.22	154	1430440	42.588	ng	99
47) 2-Chloronaphthalene	9.24	162	1133896	43.658	ng	98
48) 2-Nitroaniline	9.34	65	267009	42.464	ng	88
49) Acenaphthylene	9.66	152	1765372	45.053	ng	100
50) Dimethylphthalate	9.52	163	1644848	53.198	ng	99
51) 2,6-Dinitrotoluene	9.58	165	302606	44.880	ng	96
52) Acenaphthene	9.83	154	1022217	43.005	ng	100
53) 3-Nitroaniline	9.75	138	127612	16.517	ng	98
54) 2,4-Dinitrophenol	9.86	184	188073	83.591	ng	98
55) Dibenzofuran	10.00	168	1591381	44.788	ng	99
56) 4-Nitrophenol	9.93	139	423837	85.927	ng	97
57) 2,4-Dinitrotoluene	9.99	165	400178	44.762	ng	99
58) Fluorene	10.35	166	1188909	46.949	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	336876	44.519	ng	99
60) Diethylphthalate	10.23	149	1262032	42.998	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	623788	45.808	ng	99
62) 4-Nitroaniline	10.37	138	289813	39.004	ng	100
63) Azobenzene	10.50	77	1083790	48.095	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	165029	45.716	ng	99
66) n-Nitrosodiphenylamine	10.46	169	1101219	46.431	ng	97
67) 4-Bromophenyl-phenylether	10.84	248	400833	43.727	ng	97
68) Hexachlorobenzene	10.91	284	427865	41.074	ng	97
69) Atrazine	11.00	200	338281	43.463	ng	99
70) Pentachlorophenol	11.11	266	394477	94.285	ng	97
71) Phenanthrene	11.32	178	1832487	44.807	ng	99
72) Anthracene	11.37	178	1866180	46.020	ng	100
73) Carbazole	11.53	167	1708267	45.444	ng	99
74) Di-n-butylphthalate	11.87	149	2023271	44.184	ng	99
75) Fluoranthene	12.52	202	2050134	44.633	ng	98
77) Benzidine	12.65	184	733633	40.236	ng	98
78) Pyrene	12.76	202	2085914	48.033	ng	99
80) Butylbenzylphthalate	13.39	149	873357	46.152	ng	99
81) Benzo(a)anthracene	13.96	228	1744783	45.416	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	507181	33.236	ng	97
83) Chrysene	14.00	228	1714856	45.478	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1116674	46.919	ng	98
85) Di-n-octyl phthalate	14.57	149	2046077	47.431	ng	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2095573	44.491	ng	99
88) Benzo(b)fluoranthene	15.02	252	1883407	45.130	ng	98
89) Benzo(k)fluoranthene	15.05	252	1741040	43.820	ng	99
90) Benzo(a)pyrene	15.39	252	1823213	46.865	ng	99
91) Dibenzo(a,h)anthracene	16.93	278	1704582	45.177	ng	99
92) Benzo(g,h,i)perylene	17.36	276	1780528	46.440	ng	100

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

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