Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000875.D
Acq On : 18 Oct 2019 15:01
Operator : JU
Sample : K5357-01MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 72-11933MS

Manual Integrations APPROVED
mohammad
10/22/2019 1:38:55 AM

Quant Time: Oct 18 16:49:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 16:40:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	168346	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	612877	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	342431	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	637890	20.00	ng		0.00
76) Chrysene-d12	13.96	240	514282	20.00	ng		0.00
87) Perylene-d12	15.43	264	597799	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	950051	90.72	ng		0.00
7) Phenol-d6	6.39	99	1192589	94.50	ng		0.00
23) Nitrobenzene-d5	7.30	82	666104	66.38	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	392606	107.59	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1448308	68.43	ng		0.00
79) Terphenyl-d14	12.89	244	1666184	65.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	136993	32.756	ng		100
3) Pyridine	3.20	79	355647	31.125	ng		100
4) n-Nitrosodimethylamine	3.13	42	119120	37.046	ng		98
6) Aniline	6.40	93	410115	26.749	ng	#	64
8) 2-Chlorophenol	6.53	128	435775	42.161	ng		98
9) Benzaldehyde	6.29	77	217777	33.128	ng		100
10) Phenol	6.40	94	542431	41.979	ng		88
11) bis(2-Chloroethyl)ether	6.47	93	394153	39.648	ng		99
12) 1,3-Dichlorobenzene	6.68	146	480003	38.311	ng		99
13) 1,4-Dichlorobenzene	6.76	146	497604	39.469	ng		100
14) 1,2-Dichlorobenzene	6.91	146	459397	39.467	ng		100
15) Benzyl Alcohol	6.89	79	336686	41.309	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	340037	37.082	ng		94
17) 2-Methylphenol	7.00	107	354400	41.489	ng		99
18) Hexachloroethane	7.25	117	172328	38.405	ng		100
19) n-Nitroso-di-n-propylamine	7.15	70	241614	41.535	ng		100
20) 3+4-Methylphenols	7.16	107	443662	44.387	ng		98
22) Acetophenone	7.15	105	587284	41.471	ng		99
24) Nitrobenzene	7.32	77	402158	41.553	ng		100
25) Isophorone	7.56	82	750982	42.167	ng		99
26) 2-Nitrophenol	7.64	139	231812	45.546	ng		99
27) 2,4-Dimethylphenol	7.69	122	370448	47.483	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	499065	41.234	ng		99
29) 2,4-Dichlorophenol	7.89	162	393625	44.622	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	435245	42.012	ng		99
31) Naphthalene	8.05	128	1252155	43.746	ng		100
32) Benzoic acid	7.82	122	180765	36.694	ng		95
33) 4-Chloroaniline	8.09	127	340993	27.132	ng		99
34) Hexachlorobutadiene	8.17	225	263232	42.043	ng		99
35) Caprolactam	8.46	113	125105m	42.342	ng		
36) 4-Chloro-3-methylphenol	8.59	107	395076	45.727	ng		97
37) 2-Methylnaphthalene	8.74	142	874751	45.524	ng		99
38) 1-Methylnaphthalene	8.84	142	818841	45.100	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	456984	42.163	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	278014	65.534 ng	100
43) 2,4,6-Trichlorophenol	9.03	196	280224	42.001 ng	97
44) 2,4,5-Trichlorophenol	9.07	196	303886	44.114 ng	98
46) 1,1'-Biphenyl	9.20	154	1097675	42.467 ng	99
47) 2-Chloronaphthalene	9.23	162	856202	42.838 ng	97
48) 2-Nitroaniline	9.33	65	195316	40.364 ng	96
49) Acenaphthylene	9.65	152	1343323	44.548 ng	99
50) Dimethylphthalate	9.51	163	1240781	52.147 ng	100
51) 2,6-Dinitrotoluene	9.57	165	231280	44.574 ng	90
52) Acenaphthene	9.82	154	766190	41.887 ng	100
53) 3-Nitroaniline	9.74	138	148758	25.021 ng	98
54) 2,4-Dinitrophenol	9.86	184	161787	93.442 ng	92
55) Dibenzofuran	10.00	168	1192816	43.624 ng	98
56) 4-Nitrophenol	9.92	139	272490	71.787 ng	99
57) 2,4-Dinitrotoluene	9.98	165	299349	43.511 ng	94
58) Fluorene	10.34	166	915360	46.971 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	247466	42.496 ng	97
60) Diethylphthalate	10.22	149	962292	42.604 ng	98
61) 4-Chlorophenyl-phenylether	10.33	204	487446	46.515 ng	97
62) 4-Nitroaniline	10.36	138	235260	41.143 ng	96
63) Azobenzene	10.49	77	783886	45.204 ng	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	139223	49.235 ng	92
66) n-Nitrosodiphenylamine	10.45	169	832358	44.802 ng	100
67) 4-Bromophenyl-phenylether	10.83	248	318058	44.294 ng	93
68) Hexachlorobenzene	10.90	284	349591	42.843 ng	98
69) Atrazine	10.99	200	258564	42.409 ng	99
70) Pentachlorophenol	11.10	266	256516	78.269 ng	98
71) Phenanthrene	11.31	178	1406847	43.914 ng	100
72) Anthracene	11.36	178	1432268	45.089 ng	99
73) Carbazole	11.52	167	1285158	43.645 ng	99
74) Di-n-butylphthalate	11.86	149	1559475	43.475 ng	100
75) Fluoranthene	12.52	202	1583784	44.018 ng	98
77) Benzidine	12.63	184	589692	39.597 ng	99
78) Pyrene	12.75	202	1590690	44.846 ng	100
80) Butylbenzylphthalate	13.37	149	673569	43.579 ng	93
81) Benzo(a)anthracene	13.95	228	1369685	43.650 ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	382075	30.655 ng	100
83) Chrysene	13.99	228	1346305	43.714 ng	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	886509	45.605 ng	99
85) Di-n-octyl phthalate	14.56	149	1604274	45.532 ng	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	1682630	43.738 ng	100
88) Benzo(b)fluoranthene	15.01	252	1462756	43.130 ng	98
89) Benzo(k)fluoranthene	15.04	252	1413662	43.782 ng	99
90) Benzo(a)pyrene	15.37	252	1423609	45.030 ng	99
91) Dibenzo(a,h)anthracene	16.93	278	1370897	44.709 ng	99
92) Benzo(g,h,i)perylene	17.36	276	1418366	45.523 ng	99

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

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