Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001391.D
Acq On : 24 Dec 2019 17:35
Operator : JU
Sample : K6396-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-2-(4-5)MS

Manual Integrations APPROVED
mohammad
12/26/2019 4:01:27 PM

Quant Time: Dec 25 03:04:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	55733	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	207326	20.00	ng		0.00
39) Acenaphthene-d10	13.19	164	123638	20.00	ng		0.00
64) Phenanthrene-d10	15.59	188	238234	20.00	ng		0.00
76) Chrysene-d12	19.23	240	158615	20.00	ng		0.00
87) Perylene-d12	21.00	264	149017	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	445851	129.29	ng		0.02
7) Phenol-d6	7.76	99	613243	136.28	ng		0.01
23) Nitrobenzene-d5	9.18	82	415456	76.95	ng		0.00
42) 2,4,6-Tribromophenol	14.49	330	200288	129.57	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	794206	81.23	ng		0.00
79) Terphenyl-d14	17.87	244	849834	91.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	51966	36.617	ng		97
3) Pyridine	3.43	79	132842	34.266	ng		99
4) n-Nitrosodimethylamine	3.36	42	117901	48.029	ng		97
6) Aniline	7.77	93	272540	48.114	ng		91
8) 2-Chlorophenol	7.96	128	182179	52.549	ng		98
9) Benzaldehyde	7.58	77	127000	40.234	ng		94
10) Phenol	7.78	94	280057	54.471	ng		82
11) bis(2-Chloroethyl)ether	7.90	93	176268	48.462	ng		98
12) 1,3-Dichlorobenzene	8.19	146	204957	47.463	ng		99
13) 1,4-Dichlorobenzene	8.32	146	209640	47.651	ng		99
14) 1,2-Dichlorobenzene	8.55	146	201435	48.061	ng		98
15) Benzyl Alcohol	8.53	79	216393	51.252	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.75	45	252186	43.779	ng		97
17) 2-Methylphenol	8.73	107	159125	51.942	ng		98
18) Hexachloroethane	9.09	117	85246	45.548	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	159250	49.853	ng		97
20) 3+4-Methylphenols	8.98	107	213516	52.522	ng		98
22) Acetophenone	8.94	105	295349	45.049	ng	#	98
24) Nitrobenzene	9.20	77	239747	45.118	ng		99
25) Isophorone	9.60	82	416393	47.965	ng		98
26) 2-Nitrophenol	9.72	139	95557	50.431	ng		99
27) 2,4-Dimethylphenol	9.82	122	167410	60.071	ng		97
28) bis(2-Chloroethoxy)methane	9.97	93	230399	44.437	ng		99
29) 2,4-Dichlorophenol	10.12	162	172586	50.014	ng		98
30) 1,2,4-Trichlorobenzene	10.24	180	193057	45.483	ng		98
31) Naphthalene	10.36	128	542746	47.957	ng		99
32) Benzoic acid	10.05	122	104345	46.486	ng	#	91
33) 4-Chloroaniline	10.46	127	172156	37.196	ng		99
34) Hexachlorobutadiene	10.58	225	130702	44.148	ng		92
35) Caprolactam	11.05	113	49999m	48.694	ng		
36) 4-Chloro-3-methylphenol	11.29	107	197503	48.978	ng		98
37) 2-Methylnaphthalene	11.49	142	390255	49.949	ng		98
38) 1-Methylnaphthalene	11.65	142	366695	49.922	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.77	216	218799	47.861	ng	#	97

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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	11.76	237	265015	117.209	ng		99
43) 2,4,6-Trichlorophenol	11.96	196	140300	49.903	ng		98
44) 2,4,5-Trichlorophenol	12.02	196	149252	51.668	ng		96
46) 1,1'-Biphenyl	12.26	154	506121	48.918	ng		99
47) 2-Chloronaphthalene	12.28	162	391498	46.806	ng		98
48) 2-Nitroaniline	12.45	65	146965	43.879	ng		97
49) Acenaphthylene	12.96	152	603201	49.334	ng		99
50) Dimethylphthalate	12.79	163	518038	51.073	ng		98
51) 2,6-Dinitrotoluene	12.87	165	98755	47.949	ng		87
52) Acenaphthene	13.25	154	347844	47.217	ng		98
53) 3-Nitroaniline	13.13	138	73101	33.068	ng		100
54) 2,4-Dinitrophenol	13.32	184	93176	117.160	ng		94
55) Dibenzofuran	13.53	168	564968	48.947	ng		99
56) 4-Nitrophenol	13.46	139	155668	98.480	ng		96
57) 2,4-Dinitrotoluene	13.53	165	139760	48.823	ng	#	90
58) Fluorene	14.09	166	447919	48.518	ng		97
59) 2,3,4,6-Tetrachlorophenol	13.74	232	123019	49.603	ng		91
60) Diethylphthalate	13.96	149	490490	46.884	ng		99
61) 4-Chlorophenyl-phenylether	14.10	204	238721	49.190	ng		93
62) 4-Nitroaniline	12.46	138	116605	45.550	ng		91
63) Azobenzene	14.37	77	518164	47.046	ng		97
65) 4,6-Dinitro-2-methylphenol	14.20	198	65345	61.244	ng		92
66) n-Nitrosodiphenylamine	14.31	169	379878	50.297	ng		99
67) 4-Bromophenyl-phenylether	14.90	248	139664	49.585	ng	#	92
68) Hexachlorobenzene	14.99	284	151839	47.353	ng	#	93
69) Atrazine	15.20	200	127126	46.860	ng		98
70) Pentachlorophenol	15.31	266	170575	103.731	ng		95
71) Phenanthrene	15.63	178	652803	48.029	ng		99
72) Anthracene	15.70	178	671729	49.923	ng		99
73) Carbazole	15.95	167	555388	46.298	ng		99
74) Di-n-butylphthalate	16.50	149	781729	47.487	ng		99
75) Fluoranthene	17.33	202	680178	44.754	ng		99
77) Benzidine	17.53	184	474235	102.690	ng		98
78) Pyrene	17.64	202	664477	53.955	ng		99
80) Butylbenzylphthalate	18.52	149	292169	50.887	ng		93
81) Benzo(a)anthracene	19.22	228	551861	47.747	ng		99
82) 3,3'-Dichlorobenzidine	19.19	252	191647	47.751	ng	#	97
83) Chrysene	19.27	228	538991	48.314	ng		99
84) Bis(2-ethylhexyl)phthalate	19.27	149	442739	52.550	ng		99
85) Di-n-octyl phthalate	20.05	149	684660	49.031	ng		97
86) Indeno(1,2,3-cd)pyrene	22.63	276	505616	41.965	ng		97
88) Benzo(b)fluoranthene	20.52	252	485540	49.614	ng		99
89) Benzo(k)fluoranthene	20.56	252	469220	50.333	ng		98
90) Benzo(a)pyrene	20.93	252	435097	48.804	ng		99
91) Dibenzo(a,h)anthracene	22.66	278	423026	48.530	ng	#	97
92) Benzo(g,h,i)perylene	23.12	276	408521	49.046	ng		97

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

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