Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121119\
Data File : BP001316.D
Acq On : 11 Dec 2019 17:29
Operator : JU
Sample : K6204-07MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
K072-AA-WC-2MS

Manual Integrations APPROVED
mohammad
12/12/2019 11:34:12 AM

Quant Time: Dec 12 07:43:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	63800	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	234933	20.00	ng		-0.01
39) Acenaphthene-d10	13.20	164	134509	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	261220	20.00	ng		-0.01
76) Chrysene-d12	19.25	240	200977	20.00	ng		-0.01
87) Perylene-d12	21.01	264	201946	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	346652	90.14	ng		0.01
7) Phenol-d6	7.76	99	483207	94.32	ng		0.00
23) Nitrobenzene-d5	9.19	82	335680	61.99	ng		0.00
42) 2,4,6-Tribromophenol	14.50	330	138770	107.63	ng		0.00
45) 2-Fluorobiphenyl	12.12	172	591603	64.37	ng		-0.01
79) Terphenyl-d14	17.88	244	718473	66.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	65123	36.256	ng		97
3) Pyridine	3.45	79	159853	32.072	ng		96
4) n-Nitrosodimethylamine	3.37	42	125774	58.315	ng		81
6) Aniline	7.79	93	208600	30.710	ng	#	1
8) 2-Chlorophenol	7.98	128	191216	48.060	ng		99
9) Benzaldehyde	7.60	77	80564	24.050	ng		98
10) Phenol	7.78	94	282506	48.478	ng		96
11) bis(2-Chloroethyl)ether	7.92	93	194412	42.842	ng		98
12) 1,3-Dichlorobenzene	8.22	146	215529	45.703	ng		98
13) 1,4-Dichlorobenzene	8.33	146	220302	46.374	ng		99
14) 1,2-Dichlorobenzene	8.57	146	208838	46.711	ng		99
15) Benzyl Alcohol	8.55	79	224568	53.399	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.77	45	297872	40.829	ng		98
17) 2-Methylphenol	8.73	107	165100	45.237	ng		97
18) Hexachloroethane	9.11	117	93053	47.351	ng		97
19) n-Nitroso-di-n-propylamine	8.98	70	172952	46.784	ng		96
20) 3+4-Methylphenols	8.98	107	219062	47.616	ng		95
22) Acetophenone	8.96	105	320985	46.486	ng	#	96
24) Nitrobenzene	9.22	77	259424	48.179	ng		97
25) Isophorone	9.62	82	446330	45.965	ng		98
26) 2-Nitrophenol	9.73	139	96298	48.825	ng		96
27) 2,4-Dimethylphenol	9.83	122	163800	52.431	ng		96
28) bis(2-Chloroethoxy)methane	9.98	93	250809	41.168	ng		100
29) 2,4-Dichlorophenol	10.12	162	176247	49.568	ng		98
30) 1,2,4-Trichlorobenzene	10.26	180	197817	47.632	ng		98
31) Naphthalene	10.38	128	559075	46.595	ng		98
32) Benzoic acid	10.03	122	100962	44.702	ng		96
33) 4-Chloroaniline	10.47	127	95217	18.287	ng		99
34) Hexachlorobutadiene	10.60	225	135143	51.729	ng		97
35) Caprolactam	11.05	113	50504m	41.212	ng		
36) 4-Chloro-3-methylphenol	11.29	107	205539	48.756	ng		97
37) 2-Methylnaphthalene	11.51	142	391505	47.818	ng		97
38) 1-Methylnaphthalene	11.67	142	364113	47.079	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	214140	50.517	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	269389	137.755 ng	99
43) 2,4,6-Trichlorophenol	11.97	196	133571	48.259 ng	99
44) 2,4,5-Trichlorophenol	12.03	196	142918	49.837 ng	98
46) 1,1'-Biphenyl	12.28	154	498731	47.976 ng	98
47) 2-Chloronaphthalene	12.30	162	385945	46.479 ng	99
48) 2-Nitroaniline	12.47	65	151729	46.624 ng	97
49) Acenaphthylene	12.97	152	597665	48.018 ng	99
50) Dimethylphthalate	12.80	163	492080	48.915 ng	99
51) 2,6-Dinitrotoluene	12.88	165	100419	46.631 ng	94
52) Acenaphthene	13.26	154	346005	46.214 ng	98
53) 3-Nitroaniline	13.14	138	57505	23.771 ng	94
54) 2,4-Dinitrophenol	13.32	184	77364	87.245 ng	90
55) Dibenzofuran	13.55	168	549040	48.800 ng	98
56) 4-Nitrophenol	13.45	139	149831	87.407 ng	84
57) 2,4-Dinitrotoluene	13.54	165	135774	50.300 ng	91
58) Fluorene	14.11	166	436975	48.471 ng	99
59) 2,3,4,6-Tetrachlorophenol	13.75	232	117119	49.683 ng	98
60) Diethylphthalate	13.97	149	474847	45.586 ng	99
61) 4-Chlorophenyl-phenylether	14.12	204	222980	48.572 ng	97
62) 4-Nitroaniline	12.47	138	118745	42.338 ng	96
63) Azobenzene	14.39	77	517239	45.938 ng	95
65) 4,6-Dinitro-2-methylphenol	14.20	198	54541	48.594 ng	92
66) n-Nitrosodiphenylamine	14.32	169	371835	46.848 ng	99
67) 4-Bromophenyl-phenylether	14.92	248	130351	45.963 ng	98
68) Hexachlorobenzene	15.00	284	144823	46.450 ng	98
69) Atrazine	15.21	200	118585	48.933 ng	99
70) Pentachlorophenol	15.32	266	168666	103.794 ng	99
71) Phenanthrene	15.64	178	649693	47.308 ng	99
72) Anthracene	15.72	178	656844	48.525 ng	99
73) Carbazole	15.96	167	575227	46.701 ng	99
74) Di-n-butylphthalate	16.52	149	768396	46.398 ng	99
75) Fluoranthene	17.35	202	718860	49.444 ng	99
77) Benzidine	17.54	184	208589	40.198 ng	99
78) Pyrene	17.66	202	724263	45.754 ng	100
80) Butylbenzylphthalate	18.53	149	328984	44.997 ng	99
81) Benzo(a)anthracene	19.23	228	631156	45.295 ng	99
82) 3,3'-Dichlorobenzidine	19.20	252	195036	42.368 ng	98
83) Chrysene	19.28	228	613149	49.139 ng	99
84) Bis(2-ethylhexyl)phthalate	19.28	149	476382	47.391 ng	99
85) Di-n-octyl phthalate	20.06	149	785850	44.009 ng	99
86) Indeno(1,2,3-cd)pyrene	22.66	276	613578	41.724 ng	97
88) Benzo(b)fluoranthene	20.53	252	587544	47.633 ng	99
89) Benzo(k)fluoranthene	20.57	252	591627	49.799 ng	98
90) Benzo(a)pyrene	20.95	252	559334	49.230 ng	98
91) Dibenzo(a,h)anthracene	22.69	278	508643	45.747 ng	98
92) Benzo(g,h,i)perylene	23.14	276	491528	44.770 ng	97

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

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