Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001273.D
Acq On : 09 Dec 2019 16:48
Operator : JU
Sample : K6187-03MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RPC-BOT-WMS

Manual Integrations APPROVED
mohammad
12/10/2019 3:46:52 PM

Quant Time: Dec 10 04:47:19 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	72693	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	263822	20.00	ng		0.00
39) Acenaphthene-d10	13.21	164	153354	20.00	ng		0.00
64) Phenanthrene-d10	15.60	188	297599	20.00	ng		0.00
76) Chrysene-d12	19.25	240	225641	20.00	ng		0.00
87) Perylene-d12	21.02	264	240738	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	508716	116.10	ng		0.02
7) Phenol-d6	7.77	99	709711	121.58	ng		0.00
23) Nitrobenzene-d5	9.19	82	490906	80.73	ng		0.00
42) 2,4,6-Tribromophenol	14.50	330	201292	136.94	ng		0.00
45) 2-Fluorobiphenyl	12.12	172	845492	80.69	ng		-0.01
79) Terphenyl-d14	17.89	244	987292	80.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	70703	34.547	ng		96
3) Pyridine	3.46	79	181337	31.931	ng		93
4) n-Nitrosodimethylamine	3.37	42	126115	51.319	ng		87
6) Aniline	7.79	93	180922	23.377	ng	#	1
8) 2-Chlorophenol	7.97	128	204095	45.022	ng		99
9) Benzaldehyde	7.60	77	88004	22.733	ng		97
10) Phenol	7.79	94	313124	47.159	ng		96
11) bis(2-Chloroethyl)ether	7.92	93	209823	40.582	ng		99
12) 1,3-Dichlorobenzene	8.22	146	226591	42.171	ng		97
13) 1,4-Dichlorobenzene	8.33	146	234116	43.253	ng		99
14) 1,2-Dichlorobenzene	8.57	146	219865	43.161	ng		98
15) Benzyl Alcohol	8.55	79	239111	49.901	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.77	45	331365	39.864	ng		99
17) 2-Methylphenol	8.73	107	179692	43.212	ng		97
18) Hexachloroethane	9.11	117	98257	43.882	ng		98
19) n-Nitroso-di-n-propylamine	8.98	70	185489	44.037	ng		99
20) 3+4-Methylphenols	8.98	107	238780	45.552	ng		99
22) Acetophenone	8.96	105	343042	44.240	ng	#	98
24) Nitrobenzene	9.22	77	277118	45.830	ng		99
25) Isophorone	9.62	82	485760	44.548	ng		99
26) 2-Nitrophenol	9.73	139	102781	46.406	ng		95
27) 2,4-Dimethylphenol	9.83	122	186346	53.117	ng		97
28) bis(2-Chloroethoxy)methane	9.98	93	275979	40.339	ng		99
29) 2,4-Dichlorophenol	10.13	162	186301	46.658	ng		98
30) 1,2,4-Trichlorobenzene	10.26	180	209826	44.992	ng		99
31) Naphthalene	10.38	128	600906	44.597	ng		99
32) Benzoic acid	10.02	122	107205	42.268	ng		96
33) 4-Chloroaniline	10.47	127	66872	11.437	ng		99
34) Hexachlorobutadiene	10.60	225	141219	48.136	ng		96
35) Caprolactam	11.05	113	54953m	39.933	ng		
36) 4-Chloro-3-methylphenol	11.29	107	225748	47.686	ng		99
37) 2-Methylnaphthalene	11.51	142	416856	45.339	ng		98
38) 1-Methylnaphthalene	11.67	142	389437	44.839	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	224546	46.462	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	290775	130.419	ng	98
43) 2,4,6-Trichlorophenol	11.97	196	145258	46.033	ng	99
44) 2,4,5-Trichlorophenol	12.03	196	153748	47.025	ng	97
46) 1,1'-Biphenyl	12.28	154	527893	44.541	ng	98
47) 2-Chloronaphthalene	12.30	162	408982	43.201	ng	99
48) 2-Nitroaniline	12.47	65	160870	43.358	ng	97
49) Acenaphthylene	12.97	152	645616	45.497	ng	100
50) Dimethylphthalate	12.80	163	568181	49.539	ng	100
51) 2,6-Dinitrotoluene	12.89	165	106812	43.504	ng	99
52) Acenaphthene	13.26	154	368833	43.209	ng	100
53) 3-Nitroaniline	13.14	138	52217	18.933	ng	96
54) 2,4-Dinitrophenol	13.33	184	90371	89.215	ng	93
55) Dibenzofuran	13.55	168	587243	45.782	ng	97
56) 4-Nitrophenol	13.45	139	169723	86.844	ng	94
57) 2,4-Dinitrotoluene	13.54	165	144377	46.914	ng	94
58) Fluorene	14.11	166	471179	45.842	ng	100
59) 2,3,4,6-Tetrachlorophenol	13.75	232	126192	46.954	ng	99
60) Diethylphthalate	13.97	149	526691	44.350	ng	99
61) 4-Chlorophenyl-phenylether	14.13	204	241983	46.234	ng	99
62) 4-Nitroaniline	12.47	138	127389	39.839	ng	95
63) Azobenzene	14.39	77	572136	44.570	ng	96
65) 4,6-Dinitro-2-methylphenol	14.21	198	60923	47.767	ng	96
66) n-Nitrosodiphenylamine	14.32	169	404527	44.737	ng	99
67) 4-Bromophenyl-phenylether	14.92	248	144630	44.764	ng	97
68) Hexachlorobenzene	15.01	284	152315	42.881	ng	98
69) Atrazine	15.22	200	132181	47.876	ng	97
70) Pentachlorophenol	15.32	266	184547	99.685	ng	99
71) Phenanthrene	15.64	178	690432	44.129	ng	99
72) Anthracene	15.72	178	716145	46.439	ng	100
73) Carbazole	15.97	167	626892	44.674	ng	100
74) Di-n-butylphthalate	16.52	149	836338	44.328	ng	99
75) Fluoranthene	17.35	202	759807	45.872	ng	99
77) Benzidine	17.54	184	304859	52.328	ng	98
78) Pyrene	17.66	202	771470	43.409	ng	100
80) Butylbenzylphthalate	18.54	149	362263	44.132	ng	99
81) Benzo(a)anthracene	19.24	228	668737	42.746	ng	99
82) 3,3'-Dichlorobenzidine	19.20	252	177903	34.422	ng	98
83) Chrysene	19.29	228	648049	46.259	ng	100
84) Bis(2-ethylhexyl)phthalate	19.29	149	518386	45.932	ng	99
85) Di-n-octyl phthalate	20.07	149	891993	44.493	ng	100
86) Indeno(1,2,3-cd)pyrene	22.66	276	696231	42.170	ng	98
88) Benzo(b)fluoranthene	20.53	252	645136	43.874	ng	99
89) Benzo(k)fluoranthene	20.57	252	622554	43.958	ng	100
90) Benzo(a)pyrene	20.95	252	609652	45.013	ng	99
91) Dibenzo(a,h)anthracene	22.69	278	584116	44.070	ng	99
92) Benzo(g,h,i)perylene	23.16	276	568797	43.460	ng	99

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

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