Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
Data File : BP000542.D
Acq On : 07 Oct 2019 14:53
Operator : JU
Sample : K5231-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20190761-SS-COMPOSITE-1MS

Manual Integrations APPROVED
mohammad
10/8/2019 12:23:51 PM

Quant Time: Oct 07 16:41:36 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	6.76	152	267506	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	950736	20.00	ng		-0.01
39) Acenaphthene-d10	9.81	164	532022	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	979542	20.00	ng		0.00
76) Chrysene-d12	13.97	240	845666	20.00	ng		0.00
87) Perylene-d12	15.45	264	976971	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1946063	116.94	ng		0.00
7) Phenol-d6	6.40	99	2499730	124.65	ng		0.00
23) Nitrobenzene-d5	7.32	82	1351817	86.84	ng		-0.01
42) 2,4,6-Tribromophenol	10.60	330	702477	123.91	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	2687836	81.74	ng		0.00
79) Terphenyl-d14	12.91	244	3212272	76.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	233809	35.183	ng		98
3) Pyridine	3.23	79	572436	31.527	ng		97
4) n-Nitrosodimethylamine	3.16	42	205656	40.251	ng		96
6) Aniline	6.42	93	706171	28.985	ng	#	61
8) 2-Chlorophenol	6.55	128	675153	41.107	ng		98
9) Benzaldehyde	6.30	77	370315	35.451	ng		99
10) Phenol	6.42	94	863703	42.065	ng		96
11) bis(2-Chloroethyl)ether	6.50	93	621740	39.358	ng		98
12) 1,3-Dichlorobenzene	6.70	146	755581	37.951	ng		98
13) 1,4-Dichlorobenzene	6.78	146	762165	38.044	ng		97
14) 1,2-Dichlorobenzene	6.93	146	711344	38.458	ng		100
15) Benzyl Alcohol	6.90	79	524639	40.509	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	583766	40.063	ng		98
17) 2-Methylphenol	7.02	107	542349	39.956	ng		98
18) Hexachloroethane	7.27	117	265576	37.247	ng		99
19) n-Nitroso-di-n-propylamine	7.17	70	373454	40.401	ng		98
20) 3+4-Methylphenols	7.17	107	690587	43.480	ng	#	78
22) Acetophenone	7.17	105	908512	41.356	ng	#	98
24) Nitrobenzene	7.34	77	635085	42.301	ng		95
25) Isophorone	7.58	82	1170315	42.360	ng		97
26) 2-Nitrophenol	7.66	139	339077	42.946	ng		97
27) 2,4-Dimethylphenol	7.70	122	599181	49.508	ng		99
28) bis(2-Chloroethoxy)methane	7.79	93	775325	41.295	ng		100
29) 2,4-Dichlorophenol	7.90	162	592869	43.325	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	649310	40.402	ng		100
31) Naphthalene	8.07	128	1906646	42.940	ng		99
32) Benzoic acid	7.82	122	310955	40.690	ng		97
33) 4-Chloroaniline	8.12	127	342523	17.569	ng		98
34) Hexachlorobutadiene	8.19	225	378239	38.944	ng		97
35) Caprolactam	8.47	113	189512m	41.347	ng		
36) 4-Chloro-3-methylphenol	8.60	107	586354	43.749	ng		99
37) 2-Methylnaphthalene	8.76	142	1326686	44.508	ng		99
38) 1-Methylnaphthalene	8.86	142	1237119	43.924	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	663706	39.414	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	577890	85.213	ng	99
43) 2,4,6-Trichlorophenol	9.05	196	423746	40.879	ng	99
44) 2,4,5-Trichlorophenol	9.09	196	455857	42.593	ng	98
46) 1,1'-Biphenyl	9.23	154	1611032	40.117	ng	97
47) 2-Chloronaphthalene	9.25	162	1272548	40.980	ng	99
48) 2-Nitroaniline	9.35	65	299542	39.844	ng	92
49) Acenaphthylene	9.67	152	2017604	43.066	ng	99
50) Dimethylphthalate	9.53	163	1780410	48.162	ng	99
51) 2,6-Dinitrotoluene	9.59	165	336687	41.765	ng	91
52) Acenaphthene	9.84	154	1166946	41.062	ng	100
53) 3-Nitroaniline	9.76	138	215816	23.364	ng	92
54) 2,4-Dinitrophenol	9.87	184	238606	88.700	ng	97
55) Dibenzofuran	10.02	168	1825027	42.960	ng	99
56) 4-Nitrophenol	9.93	139	515023	87.331	ng	97
57) 2,4-Dinitrotoluene	10.00	165	445272	41.658	ng	100
58) Fluorene	10.36	166	1390188	45.915	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.14	232	381712	42.191	ng	99
60) Diethylphthalate	10.23	149	1425906	40.633	ng	98
61) 4-Chlorophenyl-phenylether	10.35	204	720124	44.230	ng	97
62) 4-Nitroaniline	10.37	138	377929	42.541	ng	99
63) Azobenzene	10.52	77	1251108	46.437	ng	97
65) 4,6-Dinitro-2-methylphenol	10.41	198	189204	43.573	ng	97
66) n-Nitrosodiphenylamine	10.47	169	1268033	44.447	ng	97
67) 4-Bromophenyl-phenylether	10.85	248	448148	40.643	ng	94
68) Hexachlorobenzene	10.92	284	479973	38.305	ng	92
69) Atrazine	11.00	200	393656	42.047	ng	99
70) Pentachlorophenol	11.12	266	470775	93.543	ng	97
71) Phenanthrene	11.33	178	2130199	43.301	ng	98
72) Anthracene	11.38	178	2198549	45.072	ng	99
73) Carbazole	11.54	167	1996250	44.148	ng	98
74) Di-n-butylphthalate	11.87	149	2285334	41.489	ng	99
75) Fluoranthene	12.53	202	2405593	43.539	ng	99
77) Benzidine	12.65	184	1470691	60.057	ng	99
78) Pyrene	12.76	202	2480583	42.530	ng	99
80) Butylbenzylphthalate	13.39	149	1016017	39.976	ng	99
81) Benzo(a)anthracene	13.96	228	2199042	42.619	ng	97
82) 3,3'-Dichlorobenzidine	13.93	252	422212	20.601	ng	97
83) Chrysene	14.00	228	2125644	41.973	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1312756	41.069	ng	99
85) Di-n-octyl phthalate	14.58	149	2397107	41.374	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2578154	40.755	ng	99
88) Benzo(b)fluoranthene	15.03	252	2362332	42.621	ng	98
89) Benzo(k)fluoranthene	15.06	252	2197100	41.637	ng	99
90) Benzo(a)pyrene	15.39	252	2276225	44.055	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	2089339	41.694	ng	100
92) Benzo(g,h,i)perylene	17.37	276	2135250	41.933	ng	99

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

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