Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
Data File : BP000626.D
Acq On : 10 Oct 2019 19:16
Operator : JU
Sample : K5297-10MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-4MSD

Manual Integrations APPROVED
mohammad
10/14/2019 8:40:25 AM

Quant Time: Oct 11 05:04:55 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	6.75	152	253321	20.00	ng		-0.02
21) Naphthalene-d8	8.03	136	936335	20.00	ng		-0.02
39) Acenaphthene-d10	9.80	164	515996	20.00	ng		-0.02
64) Phenanthrene-d10	11.29	188	914025	20.00	ng		-0.02
76) Chrysene-d12	13.96	240	733980	20.00	ng		-0.02
87) Perylene-d12	15.43	264	826596	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1064358	67.54	ng		-0.01
7) Phenol-d6	6.39	99	1377074	72.51	ng		-0.02
23) Nitrobenzene-d5	7.31	82	737970	48.14	ng		-0.02
42) 2,4,6-Tribromophenol	10.59	330	357463	65.01	ng		-0.02
45) 2-Fluorobiphenyl	9.12	172	1470900	46.12	ng		-0.02
79) Terphenyl-d14	12.90	244	1611157	44.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	201883	32.080	ng		98
3) Pyridine	3.22	79	500955	29.135	ng		97
4) n-Nitrosodimethylamine	3.16	42	171226	35.389	ng		97
6) Aniline	6.41	93	455447	19.741	ng	#	51
8) 2-Chlorophenol	6.54	128	581807	37.408	ng		100
9) Benzaldehyde	6.30	77	312726	31.614	ng		99
10) Phenol	6.40	94	765392	39.364	ng		97
11) bis(2-Chloroethyl)ether	6.49	93	537349	35.921	ng		99
12) 1,3-Dichlorobenzene	6.69	146	640268	33.960	ng		99
13) 1,4-Dichlorobenzene	6.77	146	653157	34.429	ng		99
14) 1,2-Dichlorobenzene	6.92	146	609967	34.824	ng		99
15) Benzyl Alcohol	6.89	79	448526	36.571	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	502958	36.450	ng		99
17) 2-Methylphenol	7.01	107	465341	36.203	ng		97
18) Hexachloroethane	7.26	117	219837	32.559	ng		97
19) n-Nitroso-di-n-propylamine	7.16	70	326332	37.280	ng		99
20) 3+4-Methylphenols	7.16	107	590427	39.256	ng	#	86
22) Acetophenone	7.16	105	778997	36.006	ng		98
24) Nitrobenzene	7.33	77	546197	36.940	ng		99
25) Isophorone	7.57	82	1010802	37.149	ng		96
26) 2-Nitrophenol	7.65	139	295497	38.002	ng		98
27) 2,4-Dimethylphenol	7.69	122	509168	42.718	ng		100
28) bis(2-Chloroethoxy)methane	7.79	93	671064	36.292	ng		99
29) 2,4-Dichlorophenol	7.90	162	506613	37.591	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	556764	35.176	ng		99
31) Naphthalene	8.06	128	1632779	37.338	ng		99
32) Benzoic acid	7.80	122	260655	34.633	ng		97
33) 4-Chloroaniline	8.10	127	207539	10.809	ng		99
34) Hexachlorobutadiene	8.18	225	319364	33.388	ng		98
35) Caprolactam	8.46	113	157800m	34.958	ng		
36) 4-Chloro-3-methylphenol	8.60	107	493670	37.400	ng		97
37) 2-Methylnaphthalene	8.75	142	1130773	38.519	ng		99
38) 1-Methylnaphthalene	8.85	142	1044928	37.671	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	564909	34.589	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	265474	44.202	ng		100
43) 2,4,6-Trichlorophenol	9.03	196	351078	34.920	ng		98
44) 2,4,5-Trichlorophenol	9.08	196	378234	36.438	ng		98
46) 1,1'-Biphenyl	9.22	154	1372025	35.227	ng		98
47) 2-Chloronaphthalene	9.24	162	1069361	35.506	ng		98
48) 2-Nitroaniline	9.33	65	258850	35.500	ng		98
49) Acenaphthylene	9.66	152	1685658	37.098	ng		99
50) Dimethylphthalate	9.52	163	1428638	39.846	ng		100
51) 2,6-Dinitrotoluene	9.58	165	278692	35.644	ng		99
52) Acenaphthene	9.83	154	987313	35.820	ng		99
53) 3-Nitroaniline	9.75	138	147367	16.449	ng		96
54) 2,4-Dinitrophenol	9.86	184	160323	61.450	ng		91
55) Dibenzofuran	10.00	168	1515570	36.784	ng		100
56) 4-Nitrophenol	9.92	139	401125	70.130	ng		97
57) 2,4-Dinitrotoluene	9.99	165	369128	35.607	ng		96
58) Fluorene	10.35	166	1154544	39.317	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	303823	34.625	ng		99
60) Diethylphthalate	10.23	149	1204831	35.400	ng		99
61) 4-Chlorophenyl-phenylether	10.34	204	597064	37.811	ng		95
62) 4-Nitroaniline	10.36	138	264869	30.740	ng		99
63) Azobenzene	10.50	77	1033956	39.569	ng		98
65) 4,6-Dinitro-2-methylphenol	10.40	198	135684	33.487	ng		88
66) n-Nitrosodiphenylamine	10.46	169	1040753	39.095	ng		97
67) 4-Bromophenyl-phenylether	10.83	248	366520	35.623	ng	#	92
68) Hexachlorobenzene	10.91	284	392594	33.578	ng		97
69) Atrazine	10.99	200	318309	36.436	ng		99
70) Pentachlorophenol	11.10	266	352782	75.123	ng		97
71) Phenanthrene	11.32	178	1727960	37.643	ng		98
72) Anthracene	11.37	178	1761191	38.694	ng		100
73) Carbazole	11.53	167	1615271	38.283	ng		99
74) Di-n-butylphthalate	11.87	149	1901121	36.988	ng		99
75) Fluoranthene	12.52	202	1922746	37.294	ng		99
77) Benzidine	12.64	184	880546	41.429	ng		98
78) Pyrene	12.75	202	1946996	38.461	ng		99
80) Butylbenzylphthalate	13.38	149	821174	37.226	ng		98
81) Benzo(a)anthracene	13.96	228	1669703	37.284	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	539692	30.340	ng		96
83) Chrysene	13.99	228	1626755	37.010	ng		100
84) Bis(2-ethylhexyl)phthalate	13.95	149	1058091	38.139	ng		98
85) Di-n-octyl phthalate	14.57	149	1919350	38.169	ng		100
86) Indeno(1,2,3-cd)pyrene	16.90	276	1936410	35.268	ng		99
88) Benzo(b)fluoranthene	15.01	252	1803589	38.460	ng		98
89) Benzo(k)fluoranthene	15.04	252	1573160	35.236	ng		98
90) Benzo(a)pyrene	15.37	252	1687758	38.608	ng		98
91) Dibenzo(a,h)anthracene	16.92	278	1581909	37.311	ng		99
92) Benzo(g,h,i)perylene	17.35	276	1618431	37.566	ng		99

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

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