Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019194.D
Acq On : 15 Mar 2019 19:54
Operator : JU/SJ
Sample : K1930-10MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-5MS

Manual Integrations APPROVED
Sohil
3/18/2019 3:04:35 PM

Quant Time: Mar 18 08:07:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	206493	20.00	ng		-0.01
21) Naphthalene-d8	10.44	136	938599	20.00	ng		-0.01
39) Acenaphthene-d10	14.31	164	575126	20.00	ng		-0.01
64) Phenanthrene-d10	17.06	188	1282572	20.00	ng		-0.01
76) Chrysene-d12	21.27	240	1170338	20.00	ng		0.00
87) Perylene-d12	23.50	264	1004922	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1783793	139.90	ng		0.00
7) Phenol-d6	6.84	99	2677679	143.57	ng		0.00
23) Nitrobenzene-d5	8.83	82	1630521	82.12	ng		0.00
42) 2,4,6-Tribromophenol	15.81	330	1120692	131.98	ng		-0.01
45) 2-Fluorobiphenyl	12.92	172	3152814	71.31	ng		-0.01
79) Terphenyl-d14	19.70	244	5103168	86.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	168428	29.694	ng		99
3) Pyridine	3.62	79	347994	22.551	ng		99
4) n-Nitrosodimethylamine	3.53	42	165107	34.415	ng		95
6) Aniline	7.00	93	718668	29.846	ng		99
8) 2-Chlorophenol	7.22	128	647801	42.278	ng		99
9) Benzaldehyde	6.82	77	278082	23.705	ng		98
10) Phenol	6.87	94	1016094	50.552	ng		100
11) bis(2-Chloroethyl)ether	7.10	93	578769	37.736	ng		99
12) 1,3-Dichlorobenzene	7.54	146	565380	34.868	ng		99
13) 1,4-Dichlorobenzene	7.69	146	588175	35.579	ng		98
14) 1,2-Dichlorobenzene	8.00	146	583588	36.284	ng		100
15) Benzyl Alcohol	7.91	79	633250	41.025	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.18	45	563812	36.002	ng		100
17) 2-Methylphenol	8.10	107	575435	43.933	ng		99
18) Hexachloroethane	8.71	117	206242	33.574	ng		97
19) n-Nitroso-di-n-propylamine	8.47	70	578699	37.821	ng		99
20) 3+4-Methylphenols	8.43	107	792775	44.591	ng		98
22) Acetophenone	8.49	105	962380	37.102	ng	#	100
24) Nitrobenzene	8.87	77	817599	39.592	ng		99
25) Isophorone	9.39	82	1489797	39.321	ng		99
26) 2-Nitrophenol	9.57	139	355583	41.541	ng		99
27) 2,4-Dimethylphenol	9.63	122	629282	49.450	ng		98
28) bis(2-Chloroethoxy)methane	9.87	93	879914	39.221	ng		99
29) 2,4-Dichlorophenol	10.09	162	645738	45.817	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	610059	38.388	ng		99
31) Naphthalene	10.49	128	1889815	38.200	ng		100
32) Benzoic acid	9.76	122	151094m	14.020	ng		
33) 4-Chloroaniline	10.62	127	563840	27.804	ng		99
34) Hexachlorobutadiene	10.75	225	315705	34.617	ng		98
35) Caprolactam	11.45	113	210557m	41.939	ng		
36) 4-Chloro-3-methylphenol	11.75	107	755390	43.438	ng		97
37) 2-Methylnaphthalene	12.11	142	1425714	39.659	ng		99
38) 1-Methylnaphthalene	12.33	142	1353992	38.212	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	678212	37.279	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	513559	62.321 ng	99
43) 2,4,6-Trichlorophenol	12.73	196	526234	44.760 ng	98
44) 2,4,5-Trichlorophenol	12.80	196	555900	44.217 ng	99
46) 1,1'-Biphenyl	13.13	154	1842557	36.685 ng	100
47) 2-Chloronaphthalene	13.18	162	1452981	38.756 ng	100
48) 2-Nitroaniline	13.41	65	533446	42.427 ng	96
49) Acenaphthylene	14.03	152	2381594	37.570 ng	100
50) Dimethylphthalate	13.78	163	2268365	46.106 ng	99
51) 2,6-Dinitrotoluene	13.91	165	431584	40.580 ng	98
52) Acenaphthene	14.37	154	1364478	37.460 ng	99
53) 3-Nitroaniline	14.24	138	375767	33.359 ng	96
54) 2,4-Dinitrophenol	14.46	184	218565	35.386 ng	97
55) Dibenzofuran	14.71	168	2243546	38.193 ng	99
56) 4-Nitrophenol	14.56	139	720053	78.293 ng	98
57) 2,4-Dinitrotoluene	14.70	165	619861	40.151 ng	99
58) Fluorene	15.36	166	1839522	37.991 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	497550	42.511 ng	99
60) Diethylphthalate	15.14	149	1931820	38.769 ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	910263	38.707 ng	96
62) 4-Nitroaniline	15.42	138	429878	37.868 ng	99
63) Azobenzene	15.66	77	2026668	38.652 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	239202	28.461 ng	98
66) n-Nitrosodiphenylamine	15.59	169	1611986	39.478 ng	99
67) 4-Bromophenyl-phenylether	16.26	248	542920	38.386 ng	97
68) Hexachlorobenzene	16.36	284	654418	38.918 ng	98
69) Atrazine	16.54	200	581794	42.327 ng	99
70) Pentachlorophenol	16.72	266	774705	76.470 ng	100
71) Phenanthrene	17.11	178	2798730	37.229 ng	100
72) Anthracene	17.20	178	2881157	39.149 ng	99
73) Carbazole	17.48	167	2714557	39.081 ng	99
74) Di-n-butylphthalate	18.03	149	3352757	39.916 ng	100
75) Fluoranthene	19.13	202	3127570	36.257 ng	99
77) Benzidine	19.33	184	500209	15.070 ng	100
78) Pyrene	19.50	202	3149647	42.535 ng	100
80) Butylbenzylphthalate	20.40	149	1555765	48.237 ng	98
81) Benzo(a)anthracene	21.25	228	2746000	37.400 ng	100
82) 3,3'-Dichlorobenzidine	21.19	252	986028	34.861 ng	98
83) Chrysene	21.30	228	2620683	36.894 ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2327429	49.602 ng	100
85) Di-n-octyl phthalate	22.05	149	3771449	47.733 ng	100
86) Indeno(1,2,3-cd)pyrene	25.77	276	2623806	34.314 ng	100
88) Benzo(b)fluoranthene	22.83	252	2460005	37.778 ng	99
89) Benzo(k)fluoranthene	22.87	252	2457696	41.035 ng	99
90) Benzo(a)pyrene	23.41	252	2291523	39.159 ng	100
91) Dibenzo(a,h)anthracene	25.77	278	2270272	40.556 ng	100
92) Benzo(g,h,i)perylene	26.46	276	2123351	41.316 ng	99

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

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