Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
Data File : BM020042.D
Acq On : 23 Apr 2019 18:30
Operator : JU/SJ
Sample : K2515-07MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-10MS

Manual Integrations APPROVED
Sohil
4/24/2019 11:49:24 AM

Quant Time: Apr 24 04:21:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	77991	20.00	ng		-0.02
21) Naphthalene-d8	10.26	136	291430	20.00	ng		-0.02
39) Acenaphthene-d10	14.16	164	157365	20.00	ng		-0.02
64) Phenanthrene-d10	16.93	188	343614	20.00	ng		-0.02
76) Chrysene-d12	21.14	240	352534	20.00	ng		-0.02
87) Perylene-d12	23.33	264	431717	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	605373	125.80	ng		-0.02
7) Phenol-d6	6.69	99	835300	115.33	ng		-0.02
23) Nitrobenzene-d5	8.66	82	560807	86.06	ng		-0.02
42) 2,4,6-Tribromophenol	15.67	330	321714	127.00	ng		-0.02
45) 2-Fluorobiphenyl	12.76	172	1119118	88.63	ng		-0.02
79) Terphenyl-d14	19.57	244	1696703	84.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	83537	40.226	ng		98
3) Pyridine	3.49	79	183682	31.583	ng		98
4) n-Nitrosodimethylamine	3.41	42	81444	43.472	ng	#	85
6) Aniline	6.85	93	135249	14.458	ng		98
8) 2-Chlorophenol	7.06	128	223633	37.363	ng		99
9) Benzaldehyde	6.68	77	67794	13.280	ng		95
10) Phenol	6.72	94	297229	37.562	ng		93
11) bis(2-Chloroethyl)ether	6.95	93	197491	34.112	ng		97
12) 1,3-Dichlorobenzene	7.37	146	242904	38.657	ng		97
13) 1,4-Dichlorobenzene	7.53	146	245106	38.446	ng		99
14) 1,2-Dichlorobenzene	7.83	146	237059	37.501	ng		99
15) Benzyl Alcohol	7.76	79	222916	33.856	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.02	45	175409	31.783	ng		96
17) 2-Methylphenol	7.95	107	185191	35.361	ng		98
18) Hexachloroethane	8.53	117	93983	37.924	ng		96
19) n-Nitroso-di-n-propylamine	8.30	70	193133	30.336	ng		99
20) 3+4-Methylphenols	8.29	107	239406	33.278	ng		97
22) Acetophenone	8.33	105	337585	42.529	ng	#	99
24) Nitrobenzene	8.71	77	293688	43.505	ng		96
25) Isophorone	9.22	82	478085	37.688	ng		99
26) 2-Nitrophenol	9.42	139	109228	37.969	ng		95
27) 2,4-Dimethylphenol	9.47	122	182305	44.819	ng		99
28) bis(2-Chloroethoxy)methane	9.70	93	269753	37.976	ng		99
29) 2,4-Dichlorophenol	9.96	162	182480	39.501	ng		99
30) 1,2,4-Trichlorobenzene	10.13	180	220472	44.342	ng		100
31) Naphthalene	10.32	128	656689	42.011	ng		99
32) Benzoic acid	9.63	122	51915m	17.191	ng		
33) 4-Chloroaniline	10.49	127	78867	12.247	ng		99
34) Hexachlorobutadiene	10.56	225	131899	44.979	ng		99
35) Caprolactam	11.30	113	52292m	29.904	ng		
36) 4-Chloro-3-methylphenol	11.60	107	213865	37.258	ng		98
37) 2-Methylnaphthalene	11.94	142	464397	40.807	ng		97
38) 1-Methylnaphthalene	12.16	142	444552	39.563	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	228131	46.993	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	144928	83.692 ng	100
43) 2,4,6-Trichlorophenol	12.59	196	146335	44.461 ng	98
44) 2,4,5-Trichlorophenol	12.67	196	145174	42.380 ng	98
46) 1,1'-Biphenyl	12.98	154	602001	44.168 ng	99
47) 2-Chloronaphthalene	13.02	162	459340	44.182 ng	99
48) 2-Nitroaniline	13.27	65	149992	40.025 ng	95
49) Acenaphthylene	13.88	152	737153	40.751 ng	99
50) Dimethylphthalate	13.63	163	665676	47.957 ng	100
51) 2,6-Dinitrotoluene	13.77	165	125113	40.761 ng	88
52) Acenaphthene	14.22	154	431983	43.070 ng	98
53) 3-Nitroaniline	14.13	138	49791	16.246 ng	99
54) 2,4-Dinitrophenol	14.36	184	100927	57.395 ng	88
55) Dibenzofuran	14.56	168	693478	42.283 ng	95
56) 4-Nitrophenol	14.46	139	152595	64.336 ng	91
57) 2,4-Dinitrotoluene	14.59	165	171946	38.972 ng	98
58) Fluorene	15.22	166	567174	40.812 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	137870	44.110 ng	98
60) Diethylphthalate	15.00	149	604542	41.876 ng	100
61) 4-Chlorophenyl-phenylether	15.22	204	283708	42.400 ng	97
62) 4-Nitroaniline	15.30	138	99293	32.882 ng	91
63) Azobenzene	15.51	77	659362	42.734 ng	98
65) 4,6-Dinitro-2-methylphenol	15.36	198	73487	33.519 ng	97
66) n-Nitrosodiphenylamine	15.44	169	479917	42.721 ng	100
67) 4-Bromophenyl-phenylether	16.12	248	162974	41.253 ng	99
68) Hexachlorobenzene	16.22	284	199213	42.026 ng	98
69) Atrazine	16.41	200	163513	42.877 ng	98
70) Pentachlorophenol	16.59	266	186760	77.110 ng	98
71) Phenanthrene	16.97	178	850080	41.689 ng	99
72) Anthracene	17.06	178	854287	42.088 ng	99
73) Carbazole	17.36	167	765400	40.388 ng	98
74) Di-n-butylphthalate	17.89	149	1026613	41.249 ng	99
75) Fluoranthene	19.00	202	991568	42.255 ng	98
77) Benzidine	19.22	184	304245	31.279 ng	99
78) Pyrene	19.37	202	1033925	44.287 ng	100
80) Butylbenzylphthalate	20.28	149	499263	44.110 ng	98
81) Benzo(a)anthracene	21.13	228	1007617	45.120 ng	99
82) 3,3'-Dichlorobenzidine	21.08	252	223907	26.948 ng	99
83) Chrysene	21.19	228	1005469	46.948 ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	731221	43.395 ng	99
85) Di-n-octyl phthalate	21.91	149	1306512	47.785 ng	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	1538547	73.027 ng	98
88) Benzo(b)fluoranthene	22.67	252	1186408	41.386 ng	100
89) Benzo(k)fluoranthene	22.71	252	1142381	42.329 ng	99
90) Benzo(a)pyrene	23.23	252	1145749	45.108 ng	98
91) Dibenzo(a,h)anthracene	25.51	278	1304047	53.250 ng	99
92) Benzo(g,h,i)perylene	26.18	276	1209663	54.536 ng	97

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

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