Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053019\
Data File : BM020610.D
Acq On : 29 May 2019 21:39
Operator : JU/SJ
Sample : K2643-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-03-052319-AMSD

Manual Integrations APPROVED
mohammad
5/30/2019 8:16:45 AM

Quant Time: May 30 02:35:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM052419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 02:15:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	56358	20.00	ng		0.00
21) Naphthalene-d8	10.42	136	189589	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	124843	20.00	ng		0.00
64) Phenanthrene-d10	17.04	188	296570	20.00	ng		0.00
76) Chrysene-d12	21.24	240	342446	20.00	ng		0.00
87) Perylene-d12	23.46	264	401926	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	401462	139.75	ng		0.00
7) Phenol-d6	6.80	99	475946	109.77	ng		0.00
23) Nitrobenzene-d5	8.80	82	402953	89.21	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	327040	130.75	ng		0.00
45) 2-Fluorobiphenyl	12.90	172	906331	91.10	ng		0.00
79) Terphenyl-d14	19.67	244	1634323	86.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	65862	43.812	ng	#	69
3) Pyridine	3.56	79	122990	28.141	ng		95
4) n-Nitrosodimethylamine	3.47	42	48234	45.244	ng	#	97
6) Aniline	6.97	93	34690	5.531	ng		96
8) 2-Chlorophenol	7.19	128	147776	42.068	ng		99
9) Benzaldehyde	6.79	77	69579	25.135	ng		99
10) Phenol	6.83	94	163747	34.973	ng		97
11) bis(2-Chloroethyl)ether	7.06	93	137682	39.404	ng		97
12) 1,3-Dichlorobenzene	7.51	146	175268	38.960	ng		97
13) 1,4-Dichlorobenzene	7.66	146	170283	37.869	ng		97
14) 1,2-Dichlorobenzene	7.97	146	173334	38.450	ng		96
15) Benzyl Alcohol	7.88	79	139339m	34.728	ng		
16) 2,2'-oxybis(1-Chloropropan	8.16	45	83854	34.433	ng		95
17) 2-Methylphenol	8.07	107	109355	35.377	ng		97
18) Hexachloroethane	8.68	117	72404	39.749	ng		94
19) n-Nitroso-di-n-propylamine	8.44	70	134322	34.888	ng		100
20) 3+4-Methylphenols	8.41	107	142211	34.306	ng		95
22) Acetophenone	8.46	105	224764	43.052	ng		98
24) Nitrobenzene	8.84	77	198840	44.574	ng		96
25) Isophorone	9.36	82	357098	42.488	ng		99
26) 2-Nitrophenol	9.55	139	65980	40.086	ng		97
27) 2,4-Dimethylphenol	9.60	122	110336	44.999	ng		97
28) bis(2-Chloroethoxy)methane	9.84	93	170163	38.893	ng		97
29) 2,4-Dichlorophenol	10.07	162	137657	42.211	ng		99
30) 1,2,4-Trichlorobenzene	10.27	180	198251	44.461	ng		99
31) Naphthalene	10.46	128	424219	43.336	ng		99
32) Benzoic acid	9.73	122	7384m	13.620	ng		
33) 4-Chloroaniline	10.62	127	14244m	3.646	ng		
34) Hexachlorobutadiene	10.72	225	156371	47.168	ng		98
35) Caprolactam	11.40	113	23956m	22.320	ng		
36) 4-Chloro-3-methylphenol	11.72	107	136787	38.544	ng		96
37) 2-Methylnaphthalene	12.09	142	309775	41.422	ng		98
38) 1-Methylnaphthalene	12.30	142	303171	41.840	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	256121	48.803	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	141409	57.567	ng		98
43) 2,4,6-Trichlorophenol	12.71	196	142707	43.940	ng		96
44) 2,4,5-Trichlorophenol	12.79	196	133868	44.140	ng		98
46) 1,1'-Biphenyl	13.11	154	432204	44.951	ng		99
47) 2-Chloronaphthalene	13.16	162	351732	43.153	ng		99
48) 2-Nitroaniline	13.39	65	78325	32.627	ng		96
49) Acenaphthylene	14.01	152	525028	42.357	ng		100
50) Dimethylphthalate	13.75	163	453495	41.011	ng		100
51) 2,6-Dinitrotoluene	13.89	165	94589	41.041	ng		93
52) Acenaphthene	14.35	154	310180	41.526	ng		99
53) 3-Nitroaniline	14.24	138	15788	12.366	ng		99
54) 2,4-Dinitrophenol	14.45	184	27478	26.731	ng		94
55) Dibenzofuran	14.69	168	554442	42.894	ng		97
56) 4-Nitrophenol	14.54	139	74679	52.430	ng		99
57) 2,4-Dinitrotoluene	14.68	165	126243	37.931	ng	#	88
58) Fluorene	15.34	166	437845	40.778	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.92	232	151768	43.006	ng		99
60) Diethylphthalate	15.12	149	432007	39.652	ng		100
61) 4-Chlorophenyl-phenylether	15.33	204	291332	42.500	ng		98
62) 4-Nitroaniline	15.40	138	47198m	24.363	ng		
63) Azobenzene	15.63	77	447876	42.246	ng		98
65) 4,6-Dinitro-2-methylphenol	15.44	198	38406	24.080	ng		98
66) n-Nitrosodiphenylamine	15.56	169	374625	46.587	ng		99
67) 4-Bromophenyl-phenylether	16.23	248	180769	45.755	ng		97
68) Hexachlorobenzene	16.33	284	219727	45.870	ng		100
69) Atrazine	16.52	200	146259	44.207	ng		98
70) Pentachlorophenol	16.69	266	228233	92.242	ng		98
71) Phenanthrene	17.08	178	695956	43.197	ng		100
72) Anthracene	17.17	178	662447	42.398	ng		100
73) Carbazole	17.46	167	525792	39.213	ng		99
74) Di-n-butylphthalate	18.00	149	670658	40.660	ng		99
75) Fluoranthene	19.10	202	914365	40.812	ng		99
77) Benzidine	19.33	184	60007m	9.535	ng		
78) Pyrene	19.47	202	923314	42.947	ng		99
80) Butylbenzylphthalate	20.37	149	277561	36.744	ng		99
81) Benzo(a)anthracene	21.22	228	986814	41.636	ng		100
82) 3,3'-Dichlorobenzidine	21.17	252	178019	20.578	ng		99
83) Chrysene	21.27	228	1000446	43.684	ng		100
84) Bis(2-ethylhexyl)phthalate	21.14	149	424165	38.527	ng		100
85) Di-n-octyl phthalate	22.02	149	757790	39.593	ng		99
86) Indeno(1,2,3-cd)pyrene	25.71	276	1441388	52.053	ng		99
88) Benzo(b)fluoranthene	22.79	252	1157543	44.002	ng		99
89) Benzo(k)fluoranthene	22.84	252	1146583	44.908	ng		99
90) Benzo(a)pyrene	23.37	252	1123289	46.402	ng		100
91) Dibenzo(a,h)anthracene	25.72	278	1227050	49.518	ng		99
92) Benzo(g,h,i)perylene	26.40	276	1193454	51.956	ng		98

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

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