Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018741.D
Acq On : 07 Feb 2019 17:17
Operator : JU/SJ
Sample : K1390-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-01(12-13)MS

Quant Time: Feb 08 10:06:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 04 15:10:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	291043	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	1041002	20.00	ng		0.00
39) Acenaphthene-d10	14.37	164	531671	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	974405	20.00	ng		0.00
76) Chrysene-d12	21.31	240	907233	20.00	ng		0.00
87) Perylene-d12	23.57	264	1035016	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	2281546	144.75	ng		0.00
7) Phenol-d6	6.89	99	2884772	144.10	ng		0.00
23) Nitrobenzene-d5	8.89	82	1756147	97.80	ng		0.00
42) 2,4,6-Tribromophenol	15.87	330	861843	127.31	ng		0.00
45) 2-Fluorobiphenyl	12.99	172	3485702	85.55	ng		0.00
79) Terphenyl-d14	19.75	244	3745034	87.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	249431	38.827	ng		98
3) Pyridine	3.65	79	684846	42.759	ng		97
4) n-Nitrosodimethylamine	3.57	42	414776	62.627	ng	#	94
6) Aniline	7.06	93	723297	32.389	ng		99
8) 2-Chlorophenol	7.29	128	895360	48.638	ng		97
9) Benzaldehyde	6.87	77	419691	35.214	ng		92
10) Phenol	6.92	94	1010340	49.665	ng		100
11) bis(2-Chloroethyl)ether	7.16	93	729405	45.632	ng		96
12) 1,3-Dichlorobenzene	7.60	146	963994	43.972	ng		98
13) 1,4-Dichlorobenzene	7.75	146	991105	44.604	ng		98
14) 1,2-Dichlorobenzene	8.07	146	943085	44.761	ng		99
15) Benzyl Alcohol	7.97	79	710155	49.114	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	926810	45.371	ng	#	1
17) 2-Methylphenol	8.16	107	681229	49.333	ng		99
18) Hexachloroethane	8.79	117	373947	47.200	ng	#	76
19) n-Nitroso-di-n-propylamine	8.53	70	541882	41.593	ng		95
20) 3+4-Methylphenols	8.49	107	905769	47.515	ng		95
22) Acetophenone	8.55	105	1122377	43.584	ng	#	97
24) Nitrobenzene	8.93	77	885578	50.121	ng		95
25) Isophorone	9.45	82	1605375	59.038	ng	#	94
26) 2-Nitrophenol	9.63	139	483513	56.595	ng	#	90
27) 2,4-Dimethylphenol	9.69	122	739413	57.741	ng		94
28) bis(2-Chloroethoxy)methane	9.93	93	944061	50.256	ng		95
29) 2,4-Dichlorophenol	10.16	162	806063	52.862	ng		98
30) 1,2,4-Trichlorobenzene	10.37	180	853452	45.092	ng		99
31) Naphthalene	10.56	128	2626732	52.393	ng	#	95
32) Benzoic acid	9.81	122	234747	30.040	ng		96
33) 4-Chloroaniline	10.68	127	491679	24.902	ng	#	92
34) Hexachlorobutadiene	10.83	225	513737	42.965	ng		98
35) Caprolactam	11.51	113	486920	93.922	ng	#	47
36) 4-Chloro-3-methylphenol	11.80	107	728856	45.560	ng		98
37) 2-Methylnaphthalene	12.17	142	2004188	56.580	ng		99
38) 1-Methylnaphthalene	12.40	142	1758620	51.311	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	872073	46.905	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	1052738	103.169	ng		100
43) 2,4,6-Trichlorophenol	12.79	196	579123	51.294	ng		99
44) 2,4,5-Trichlorophenol	12.87	196	603490	50.824	ng	#	89
46) 1,1'-Biphenyl	13.20	154	2215534	47.725	ng		99
47) 2-Chloronaphthalene	13.24	162	1623705	45.104	ng		100
48) 2-Nitroaniline	13.46	65	419386	47.353	ng	#	91
49) Acenaphthylene	14.09	152	2574768	49.079	ng		96
50) Dimethylphthalate	13.83	163	2018329	46.223	ng		99
51) 2,6-Dinitrotoluene	13.96	165	423511	45.789	ng		91
52) Acenaphthene	14.43	154	1517499	47.275	ng		98
53) 3-Nitroaniline	14.29	138	391732	42.010	ng		96
54) 2,4-Dinitrophenol	14.50	184	306916	62.980	ng		95
55) Dibenzofuran	14.77	168	2302203	43.407	ng	#	92
56) 4-Nitrophenol	14.60	139	856599	106.336	ng		94
57) 2,4-Dinitrotoluene	14.75	165	640234	48.923	ng	#	96
58) Fluorene	15.42	166	2056231	52.045	ng	#	98
59) 2,3,4,6-Tetrachlorophenol	15.00	232	499079	47.418	ng	#	81
60) Diethylphthalate	15.20	149	1784919	40.492	ng		98
61) 4-Chlorophenyl-phenylether	15.42	204	894921	39.301	ng		97
62) 4-Nitroaniline	15.46	138	346945	34.112	ng		94
63) Azobenzene	15.71	77	1508671	41.978	ng	#	83
65) 4,6-Dinitro-2-methylphenol	15.51	198	249952	41.116	ng	#	83
66) n-Nitrosodiphenylamine	15.63	169	2064744	68.311	ng		87
67) 4-Bromophenyl-phenylether	16.32	248	518546	47.555	ng		98
68) Hexachlorobenzene	16.42	284	551452	45.175	ng		98
69) Atrazine	16.59	200	548771	50.221	ng		99
70) Pentachlorophenol	16.77	266	700986	87.682	ng		99
71) Phenanthrene	17.16	178	3598115	69.424	ng		98
72) Anthracene	17.26	178	2693881	54.052	ng		99
73) Carbazole	17.53	167	2332535	45.554	ng		99
74) Di-n-butylphthalate	18.09	149	2695194	48.054	ng		99
75) Fluoranthene	19.18	202	2751439	46.046	ng		98
77) Benzidine	19.38	184	1304018	58.213	ng		99
78) Pyrene	19.54	202	2928261	54.453	ng		99
80) Butylbenzylphthalate	20.44	149	1148793	50.063	ng		98
81) Benzo(a)anthracene	21.30	228	2675398	50.057	ng		100
82) 3,3'-Dichlorobenzidine	21.23	252	586152	29.002	ng		99
83) Chrysene	21.35	228	2534664	49.111	ng		100
84) Bis(2-ethylhexyl)phthalate	21.22	149	1569672	47.371	ng		100
85) Di-n-octyl phthalate	22.10	149	2819071	50.584	ng		95
86) Indeno(1,2,3-cd)pyrene	25.87	276	3591429	60.347	ng		98
88) Benzo(b)fluoranthene	22.89	252	2745026	46.716	ng		99
89) Benzo(k)fluoranthene	22.94	252	2789874	47.112	ng		99
90) Benzo(a)pyrene	23.47	252	2824907	50.217	ng		98
91) Dibenzo(a,h)anthracene	25.88	278	3017080	52.932	ng		100
92) Benzo(g,h,i)perylene	26.57	276	3037934	54.769	ng		98

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

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