Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052218\
Data File : BM015259.D
Acq On : 23 May 2018 02:44
Operator : SJ/JU
Sample : J2133-09
Misc : MDL 8 PPM
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2018

Manual Integrations APPROVED
Sohil
5/23/2018 10:11:37 AM

Quant Time: May 23 05:49:46 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	228310	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	959000	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	516580	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	1036103	20.00	ng		0.00
75) Chrysene-d12	21.83	240	965347	20.00	ng		0.00
86) Perylene-d12	24.27	264	919644	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1802257	129.15	ng		0.00
7) Phenol-d6	7.55	99	2364199	130.10	ng		0.00
23) Nitrobenzene-d5	9.59	82	1507605	86.12	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	903663	139.50	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	3434051	82.64	ng		0.00
78) Terphenyl-d14	20.29	244	4256293	97.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	43659	7.573	ng	#	100
3) Pyridine	4.08	79	99661m	6.748	ng		
4) n-Nitrosodimethylamine	3.98	42	51790	6.481	ng	#	68
6) Aniline	7.72	93	171094	7.642	ng		95
8) 2-Chlorophenol	7.96	128	117160	7.439	ng		99
9) Benzaldehyde	7.53	77	68813	5.987	ng		96
10) Phenol	7.57	94	138112	7.484	ng		86
11) bis(2-Chloroethyl)ether	7.81	93	114391	7.815	ng		91
12) 1,3-Dichlorobenzene	8.29	146	143234	7.977	ng		96
13) 1,4-Dichlorobenzene	8.44	146	145173	7.996	ng		97
14) 1,2-Dichlorobenzene	8.76	146	139522	8.097	ng		95
15) Benzyl Alcohol	8.65	79	97000	7.382	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.93	45	187392	8.115	ng		95
17) 2-Methylphenol	8.85	107	97415	7.941	ng	#	93
18) Hexachloroethane	9.50	117	48882	7.582	ng		93
19) n-Nitroso-di-n-propylamine	9.22	70	91455	7.896	ng	#	88
20) 3+4-Methylphenols	9.17	107	131805	8.092	ng		95
22) Acetophenone	9.25	105	189658	8.244	ng	#	96
24) Nitrobenzene	9.63	77	148367	8.139	ng		97
25) Isophorone	10.15	82	213726	7.108	ng		95
26) 2-Nitrophenol	10.35	139	51976	6.355	ng	#	76
27) 2,4-Dimethylphenol	10.39	122	87898	5.926	ng		91
28) bis(2-Chloroethoxy)methane	10.63	93	146996	7.466	ng		98
29) 2,4-Dichlorophenol	10.89	162	99454	7.081	ng		99
30) 1,2,4-Trichlorobenzene	11.10	180	134096	8.103	ng		98
31) Naphthalene	11.29	128	391711	7.859	ng		99
32) Benzoic acid	10.48	122	61695	7.190	ng		99
33) 4-Chloroaniline	11.40	127	152327	7.658	ng	#	93
34) Hexachlorobutadiene	11.56	225	82610	8.395	ng		99
35) Caprolactam	12.16	113	24488	6.160	ng		91
36) 4-Chloro-3-methylphenol	12.49	107	103360	7.203	ng		92
37) 2-Methylnaphthalene	12.87	142	267822	7.753	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	140619	7.728	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	49855	9.188	ng		99

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42) 2,4,6-Trichlorophenol	13.46	196	74776	6.838	ng		97
43) 2,4,5-Trichlorophenol	13.54	196	87197	7.385	ng	#	90
45) 1,1'-Biphenyl	13.86	154	370515	8.198	ng		98
46) 2-Chloronaphthalene	13.91	162	276179	7.939	ng		94
47) 2-Nitroaniline	14.11	65	64163	6.474	ng		88
48) Acenaphthylene	14.75	152	405431	7.847	ng		99
49) Dimethylphthalate	14.46	163	331563	8.042	ng		99
50) 2,6-Dinitrotoluene	14.59	165	63200	7.348	ng		90
51) Acenaphthene	15.08	154	258963	8.046	ng		98
52) 3-Nitroaniline	14.92	138	59354	6.554	ng	#	76
53) 2,4-Dinitrophenol	15.13	184	18360	9.825	ng		95
54) Dibenzofuran	15.41	168	391631	7.717	ng		95
55) 4-Nitrophenol	15.21	139	38919	5.298	ng	#	54
56) 2,4-Dinitrotoluene	15.37	165	75294	6.393	ng	#	82
57) Fluorene	16.05	166	311872	7.777	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.63	232	67015	6.619	ng	#	100
59) Diethylphthalate	15.80	149	320272	7.881	ng		96
60) 4-Chlorophenyl-phenylether	16.03	204	159774	7.821	ng		95
61) 4-Nitroaniline	16.07	138	57499	6.072	ng	#	66
62) Azobenzene	16.33	77	289948	7.510	ng		91
64) 4,6-Dinitro-2-methylphenol	16.13	198	34341	6.005	ng		96
65) n-Nitrosodiphenylamine	16.24	169	262943	7.898	ng		98
66) 4-Bromophenyl-phenylether	16.92	248	91170	7.876	ng	#	89
67) Hexachlorobenzene	17.04	284	108126	8.111	ng	#	89
68) Atrazine	17.17	200	52775	4.997	ng		98
69) Pentachlorophenol	17.39	266	48776	6.573	ng		97
70) Phenanthrene	17.77	178	460604	7.805	ng		99
71) Anthracene	17.87	178	433922	7.376	ng		99
72) Carbazole	18.13	167	402120	7.721	ng		99
73) Di-n-butylphthalate	18.65	149	451806	7.368	ng	#	99
74) Fluoranthene	19.75	202	476488	7.362	ng		97
76) Benzidine	19.92	184	115366	3.817	ng		98
77) Pyrene	20.10	202	502198	8.243	ng		100
79) Butylbenzylphthalate	20.95	149	176513	7.095	ng		89
80) Benzo(a)anthracene	21.82	228	470686	7.737	ng		100
81) 3,3'-Dichlorobenzidine	21.74	252	161931	7.189	ng		99
82) Chrysene	21.87	228	457319	7.982	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	259297	7.166	ng		97
84) Di-n-octyl phthalate	22.63	149	387405	6.121	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.79	276	486763	7.022	ng	#	91
87) Benzo(b)fluoranthene	23.52	252	455687	7.831	ng	#	97
88) Benzo(k)fluoranthene	23.57	252	427120	7.760	ng		99
89) Benzo(a)pyrene	24.16	252	404044	7.444	ng		99
90) Dibenzo(a,h)anthracene	26.79	278	410176	7.408	ng		100
91) Benzo(g,h,i)perylene	27.57	276	396683	7.355	ng		97

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

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