Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017180.D
Acq On : 18 Oct 2018 06:09
Operator : MJ/SJ
Sample : J5164-09
Misc : MDL 2 PPM
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/18/2018 5:33:35 PM

Quant Time: Oct 18 14:15:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	183938	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	758211	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	435694	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1032220	20.00	ng		0.00
76) Chrysene-d12	21.25	240	1191360	20.00	ng		-0.01
87) Perylene-d12	23.47	264	1222105	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1556844	143.15	ng		0.00
7) Phenol-d6	6.85	99	2030614	137.10	ng		0.00
23) Nitrobenzene-d5	8.82	82	1172303	90.43	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	898788	152.54	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	2837327	86.65	ng		0.00
79) Terphenyl-d14	19.70	244	4487774	84.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	11443	2.061	ng		99
3) Pyridine	3.66	79	26885	2.104	ng	#	91
4) n-Nitrosodimethylamine	3.57	42	11680	2.277	ng	#	73
6) Aniline	7.01	93	24510	1.323	ng		98
8) 2-Chlorophenol	7.24	128	26387	2.097	ng		97
9) Benzaldehyde	6.83	77	23183	2.455	ng		93
10) Phenol	6.88	94	32451	2.036	ng		84
11) bis(2-Chloroethyl)ether	7.11	93	24014	1.890	ng		98
12) 1,3-Dichlorobenzene	7.56	146	29340	2.000	ng		95
13) 1,4-Dichlorobenzene	7.71	146	28167	1.880	ng		97
14) 1,2-Dichlorobenzene	8.02	146	28168	1.951	ng		96
15) Benzyl Alcohol	7.92	79	19218	1.775	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.20	45	32116	1.809	ng		91
17) 2-Methylphenol	8.11	107	18430	1.801	ng		91
18) Hexachloroethane	8.73	117	10327	2.014	ng		88
19) n-Nitroso-di-n-propylamine	8.48	70	16597	1.702	ng		92
20) 3+4-Methylphenols	8.44	107	24340	1.739	ng		92
22) Acetophenone	8.49	105	36807	1.915	ng	#	92
24) Nitrobenzene	8.86	77	30174	2.200	ng	#	88
25) Isophorone	9.39	82	44891	2.097	ng		95
26) 2-Nitrophenol	9.58	139	8977	6.936	ng		91
27) 2,4-Dimethylphenol	9.63	122	20344	2.149	ng		90
28) bis(2-Chloroethoxy)methane	9.88	93	30607	2.031	ng		100
29) 2,4-Dichlorophenol	10.10	162	18538	1.687	ng		98
30) 1,2,4-Trichlorobenzene	10.31	180	26452	2.006	ng		94
31) Naphthalene	10.50	128	80651	2.171	ng		98
32) Benzoic acid	9.70	122	6749	0.956	ng		89
33) 4-Chloroaniline	10.63	127	20122	1.254	ng		94
34) Hexachlorobutadiene	10.78	225	17678	2.116	ng		94
35) Caprolactam	11.40	113	4827	1.205	ng	#	83
36) 4-Chloro-3-methylphenol	11.75	107	20665	1.668	ng		94
37) 2-Methylnaphthalene	12.12	142	56548	2.224	ng		98
38) 1-Methylnaphthalene	12.33	142	55551	2.245	ng	#	92
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	29765	1.940	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	17229	2.323	ng		95
43) 2,4,6-Trichlorophenol	12.73	196	14724	1.653	ng		95
44) 2,4,5-Trichlorophenol	12.81	196	16700	1.748	ng		93
46) 1,1'-Biphenyl	13.14	154	77087	1.966	ng		95
47) 2-Chloronaphthalene	13.18	162	57797	2.004	ng		98
48) 2-Nitroaniline	13.40	65	11348	6.915	ng		96
49) Acenaphthylene	14.03	152	82254	1.967	ng		98
50) Dimethylphthalate	13.77	163	69530	2.068	ng	#	95
51) 2,6-Dinitrotoluene	13.89	165	11202	1.514	ng	#	77
52) Acenaphthene	14.37	154	54063	2.059	ng		96
53) 3-Nitroaniline	14.23	138	9442	1.178	ng	#	88
54) 2,4-Dinitrophenol	14.45	184	3714	8.994	ng		92
55) Dibenzofuran	14.72	168	89272	2.045	ng		98
56) 4-Nitrophenol	14.55	139	6721	5.583	ng		89
57) 2,4-Dinitrotoluene	14.69	165	14027	1.411	ng	#	80
58) Fluorene	15.36	166	68647	2.124	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.94	232	15810	1.816	ng	#	96
60) Diethylphthalate	15.15	149	67889	2.037	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	36975	2.007	ng		98
62) 4-Nitroaniline	15.40	138	10586	5.821	ng		90
63) Azobenzene	15.66	77	54793	1.691	ng		94
65) 4,6-Dinitro-2-methylphenol	15.46	198	6632	7.857	ng		97
66) n-Nitrosodiphenylamine	15.58	169	55232	1.769	ng		98
67) 4-Bromophenyl-phenylether	16.26	248	21853	1.928	ng		97
68) Hexachlorobenzene	16.36	284	26293	1.997	ng		96
69) Atrazine	16.54	200	18985	1.699	ng		97
70) Pentachlorophenol	16.71	266	9770	1.083	ng		94
71) Phenanthrene	17.10	178	120767	2.168	ng		98
72) Anthracene	17.19	178	107253	2.027	ng		99
73) Carbazole	17.47	167	91736	1.697	ng		98
74) Di-n-butylphthalate	18.04	149	92110	1.616	ng		99
75) Fluoranthene	19.12	202	129144	2.061	ng		100
77) Benzidine	19.32	184	25010	0.828	ng		97
78) Pyrene	19.49	202	130409	1.959	ng		99
80) Butylbenzylphthalate	20.40	149	35340	8.362	ng		97
81) Benzo(a)anthracene	21.24	228	138877	2.071	ng		99
82) 3,3'-Dichlorobenzidine	21.18	252	30428	1.218	ng		100
83) Chrysene	21.29	228	144549	2.178	ng		97
84) Bis(2-ethylhexyl)phthalate	21.18	149	52832	6.520	ng		98
85) Di-n-octyl phthalate	22.05	149	91655	6.805	ng	#	98
86) Indeno(1,2,3-cd)pyrene	25.68	276	157671	2.124	ng		97
88) Benzo(b)fluoranthene	22.80	252	140610	2.104	ng		97
89) Benzo(k)fluoranthene	22.85	252	133927	1.998	ng		99
90) Benzo(a)pyrene	23.37	252	131001	2.065	ng		94
91) Dibenzo(a,h)anthracene	25.69	278	132487	2.103	ng		98
92) Benzo(g,h,i)perylene	26.36	276	132887	2.128	ng		96

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

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