Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\
Data File : BM017179.D
Acq On : 18 Oct 2018 05:34
Operator : MJ/SJ
Sample : J5164-09
Misc : MDL 1 PPM
ALS Vial : 20 Sample Multiplier: 1

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

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

Quant Time: Oct 18 14:13:52 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	201953	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	854930	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	490093	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1170303	20.00	ng		0.00
76) Chrysene-d12	21.25	240	1342444	20.00	ng		-0.01
87) Perylene-d12	23.47	264	1350063	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1598289	133.85	ng		0.00
7) Phenol-d6	6.85	99	2091290	128.60	ng		0.00
23) Nitrobenzene-d5	8.82	82	1219687	83.44	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	929028	140.17	ng		0.00
45) 2-Fluorobiphenyl	12.93	172	2946444	79.99	ng		0.00
79) Terphenyl-d14	19.70	244	4610556	77.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	5720	0.938	ng		99
3) Pyridine	3.67	79	12624	0.900	ng	#	85
4) n-Nitrosodimethylamine	3.57	42	5777	1.026	ng	#	75
6) Aniline	7.02	93	11367	0.559	ng		97
8) 2-Chlorophenol	7.24	128	13242	0.959	ng		82
9) Benzaldehyde	6.83	77	13835	1.334	ng		88
10) Phenol	6.87	94	15977	0.913	ng	#	72
11) bis(2-Chloroethyl)ether	7.11	93	12658	0.907	ng		93
12) 1,3-Dichlorobenzene	7.56	146	15683	0.974	ng	#	90
13) 1,4-Dichlorobenzene	7.70	146	15833	0.962	ng	#	87
14) 1,2-Dichlorobenzene	8.02	146	14759	0.931	ng		92
15) Benzyl Alcohol	7.92	79	10050	0.845	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.19	45	16878	0.866	ng		94
17) 2-Methylphenol	8.12	107	9695	0.863	ng	#	93
18) Hexachloroethane	8.74	117	5336	0.948	ng		88
19) n-Nitroso-di-n-propylamine	8.47	70	8543	0.798	ng	#	83
20) 3+4-Methylphenols	8.44	107	11767	0.766	ng		93
22) Acetophenone	8.49	105	20110	0.928	ng	#	97
24) Nitrobenzene	8.87	77	15891	1.028	ng	#	88
25) Isophorone	9.39	82	24123	0.999	ng	#	96
26) 2-Nitrophenol	9.57	139	4340	6.232	ng	#	76
27) 2,4-Dimethylphenol	9.63	122	9966	0.934	ng		89
28) bis(2-Chloroethoxy)methane	9.88	93	15574	0.917	ng	#	86
29) 2,4-Dichlorophenol	10.12	162	8712	0.703	ng		95
30) 1,2,4-Trichlorobenzene	10.31	180	14509	0.976	ng		94
31) Naphthalene	10.50	128	41232	0.984	ng		95
32) Benzoic acid	9.75	122	2187m	0.275	ng		
33) 4-Chloroaniline	10.63	127	10087	0.557	ng	#	87
34) Hexachlorobutadiene	10.78	225	8162	0.866	ng		93
35) Caprolactam	11.42	113	1925	0.426	ng	#	85
36) 4-Chloro-3-methylphenol	11.75	107	10091	0.722	ng		92
37) 2-Methylnaphthalene	12.12	142	29169	1.017	ng		95
38) 1-Methylnaphthalene	12.33	142	28150	1.009	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	15905	0.922	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	8139	0.975	ng		95
43) 2,4,6-Trichlorophenol	12.73	196	6478	0.647	ng		95
44) 2,4,5-Trichlorophenol	12.82	196	7636	0.711	ng	#	85
46) 1,1'-Biphenyl	13.14	154	41465	0.940	ng		99
47) 2-Chloronaphthalene	13.18	162	29351	0.905	ng		98
48) 2-Nitroaniline	13.40	65	5458	6.212	ng	#	82
49) Acenaphthylene	14.03	152	41166	0.875	ng		98
50) Dimethylphthalate	13.78	163	35513	0.939	ng		99
51) 2,6-Dinitrotoluene	13.89	165	5317	0.639	ng	#	76
52) Acenaphthene	14.37	154	27796	0.941	ng		90
53) 3-Nitroaniline	14.23	138	4400	0.488	ng	#	80
54) 2,4-Dinitrophenol	14.45	184	1466	8.496	ng		93
55) Dibenzofuran	14.72	168	45909	0.935	ng		97
56) 4-Nitrophenol	14.56	139	2475	5.000	ng		92
57) 2,4-Dinitrotoluene	14.69	165	6455	0.577	ng	#	78
58) Fluorene	15.36	166	35697	0.982	ng	#	93
59) 2,3,4,6-Tetrachlorophenol	14.94	232	6979	0.713	ng	#	95
60) Diethylphthalate	15.14	149	32789	0.874	ng		98
61) 4-Chlorophenyl-phenylether	15.36	204	18742	0.904	ng		97
62) 4-Nitroaniline	15.40	138	3542	5.072	ng		97
63) Azobenzene	15.66	77	26203	0.719	ng		94
65) 4,6-Dinitro-2-methylphenol	15.46	198	2745	7.314	ng		88
66) n-Nitrosodiphenylamine	15.58	169	26847	0.758	ng		98
67) 4-Bromophenyl-phenylether	16.26	248	11321	0.881	ng		93
68) Hexachlorobenzene	16.37	284	13503	0.905	ng		96
69) Atrazine	16.54	200	9040	0.713	ng		93
70) Pentachlorophenol	16.72	266	4826	0.472	ng		91
71) Phenanthrene	17.10	178	60660	0.961	ng		97
72) Anthracene	17.20	178	55490	0.925	ng		96
73) Carbazole	17.47	167	43057	0.703	ng	#	94
74) Di-n-butylphthalate	18.04	149	45028	0.697	ng	#	98
75) Fluoranthene	19.13	202	65639	0.924	ng		97
77) Benzidine	19.33	184	11959	0.351	ng		98
78) Pyrene	19.49	202	68308	0.910	ng		97
80) Butylbenzylphthalate	20.40	149	17349	7.693	ng		92
81) Benzo(a)anthracene	21.24	228	71275	0.943	ng		97
82) 3,3'-Dichlorobenzidine	21.19	252	16379	0.582	ng		97
83) Chrysene	21.29	228	73622	0.985	ng		99
84) Bis(2-ethylhexyl)phthalate	21.18	149	25630	5.830	ng		95
85) Di-n-octyl phthalate	22.05	149	43058	6.086	ng	#	92
86) Indeno(1,2,3-cd)pyrene	25.69	276	75682	0.905	ng		99
88) Benzo(b)fluoranthene	22.80	252	69680	0.944	ng		96
89) Benzo(k)fluoranthene	22.85	252	67225	0.908	ng		94
90) Benzo(a)pyrene	23.37	252	63855	0.911	ng		94
91) Dibenzo(a,h)anthracene	25.69	278	65255	0.938	ng	#	90
92) Benzo(g,h,i)perylene	26.36	276	68076	0.987	ng		95

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

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