Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
Data File : BN003284.D
Acq On : 24 Oct 2018 22:38
Operator : MJ/SJ
Sample : J5164-07
Misc : LOD 1PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2018

Quant Time: Oct 25 07:00:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 14:21:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	87048	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	404994	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	259351	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	617581	20.00	ng		0.00
76) Chrysene-d12	21.21	240	706210	20.00	ng		0.00
87) Perylene-d12	23.41	264	743760	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	715169	143.10	ng		0.00
7) Phenol-d6	6.80	99	974012	137.06	ng		0.00
23) Nitrobenzene-d5	8.76	82	582908	82.54	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	507702	145.38	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1578954	82.58	ng		0.00
79) Terphenyl-d14	19.64	244	2607226	78.95	ng		0.00
Target Compounds							Qvalue
6) Aniline	6.95	93	6170	0.695	ng	#	88
8) 2-Chlorophenol	7.18	128	6053	0.983	ng	#	73
9) Benzaldehyde	6.79	77	5344	1.295	ng	#	66
10) Phenol	6.82	94	7366	0.982	ng	#	1
11) bis(2-Chloroethyl)ether	7.05	93	5577	0.910	ng		96
12) 1,3-Dichlorobenzene	7.50	146	7248	1.059	ng	#	90
13) 1,4-Dichlorobenzene	7.64	146	7042	0.999	ng		92
14) 1,2-Dichlorobenzene	7.64	146	7042	1.030	ng		95
15) Benzyl Alcohol	7.91	79	11914	2.326	ng	#	46
16) 2,2'-oxybis(1-Chloropropan	8.14	45	9117	1.015	ng		86
18) Hexachloroethane	8.66	117	2488	1.008	ng		88
24) Nitrobenzene	8.80	77	7474	1.037	ng	#	96
31) Naphthalene	10.43	128	21477	1.085	ng		97
34) Hexachlorobutadiene	10.70	225	3649	0.884	ng	#	87
37) 2-Methylnaphthalene	12.06	142	15587	1.102	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	7795	0.909	ng		95
46) 1,1'-Biphenyl	13.08	154	23378	1.027	ng		98
47) 2-Chloronaphthalene	13.13	162	15392	0.917	ng		97
48) 2-Nitroaniline	13.39	65	2738	0.555	ng	#	77
49) Acenaphthylene	13.97	152	25174	0.980	ng		97
50) Dimethylphthalate	13.73	163	20507	0.978	ng	#	97
51) 2,6-Dinitrotoluene	13.87	165	3329	0.699	ng	#	84
52) Acenaphthene	14.31	154	16678	1.071	ng		95
55) Dibenzofuran	14.67	168	26106	1.031	ng		93
58) Fluorene	15.31	166	21141	1.081	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.91	232	3636	0.732	ng	#	93
60) Diethylphthalate	15.08	149	20384	0.958	ng		98
63) Azobenzene	15.59	77	18286	0.930	ng		98
66) n-Nitrosodiphenylamine	15.53	169	17007	0.880	ng		98
67) 4-Bromophenyl-phenylether	16.20	248	6514	0.937	ng		98
68) Hexachlorobenzene	16.32	284	7698	0.972	ng		98
69) Atrazine	16.49	200	5501	0.803	ng		92
71) Phenanthrene	17.05	178	35252	1.086	ng		96
72) Anthracene	17.16	178	33720	1.041	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Carbazole	17.46	167	29871	0.890	ng		96
74) Di-n-butylphthalate	17.97	149	31532	0.806	ng		100
75) Fluoranthene	19.09	202	39511	1.033	ng		98
78) Pyrene	19.45	202	42992	1.036	ng		98
80) Butylbenzylphthalate	20.34	149	15170	0.787	ng		97
81) Benzo(a)anthracene	21.19	228	45188	1.099	ng		97
83) Chrysene	21.25	228	44215	1.118	ng		97
84) Bis(2-ethylhexyl)phthalate	21.12	149	25293	0.885	ng		96
85) Di-n-octyl phthalate	21.99	149	44430	0.906	ng		99
86) Indeno(1,2,3-cd)pyrene	25.66	276	46328	1.022	ng		99
88) Benzo(b)fluoranthene	22.76	252	43417	1.060	ng		97
89) Benzo(k)fluoranthene	22.81	252	46151	1.149	ng		97
90) Benzo(a)pyrene	23.32	252	41183	1.055	ng		96
91) Dibenzo(a,h)anthracene	25.65	278	40157	1.040	ng	#	91
92) Benzo(g,h,i)perylene	26.34	276	39309	1.060	ng		98

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

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