Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041519\
Data File : BM019921.D
Acq On : 15 Apr 2019 19:47
Operator : JU/SJ
Sample : K1560-07
Misc : LOD 8PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Manual Integrations APPROVED
Sohil
4/16/2019 5:25:48 PM

Quant Time: Apr 16 03:37:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 16:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	106552	20.00	ng		0.00
21) Naphthalene-d8	10.31	136	472209	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	287949	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	615348	20.00	ng		0.00
76) Chrysene-d12	21.18	240	558254	20.00	ng		0.00
87) Perylene-d12	23.38	264	557068	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	722833	109.94	ng		0.00
7) Phenol-d6	6.72	99	1035255	104.63	ng		0.00
23) Nitrobenzene-d5	8.70	82	847951	80.31	ng		0.00
42) 2,4,6-Tribromophenol	15.71	330	505240	109.00	ng		0.00
45) 2-Fluorobiphenyl	12.80	172	1850845	80.10	ng		0.00
79) Terphenyl-d14	19.61	244	2719481	85.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	23206	8.179	ng		98
3) Pyridine	3.56	79	47307	5.954	ng	#	91
4) n-Nitrosodimethylamine	3.48	42	14903	5.822	ng	#	79
6) Aniline	6.89	93	94551	7.398	ng		99
8) 2-Chlorophenol	7.10	128	63310	7.742	ng		95
9) Benzaldehyde	6.71	77	58753	7.912	ng		97
10) Phenol	6.75	94	80565	7.452	ng		88
11) bis(2-Chloroethyl)ether	6.98	93	56683	7.166	ng		98
12) 1,3-Dichlorobenzene	7.42	146	68707	8.003	ng		98
13) 1,4-Dichlorobenzene	7.57	146	69436	7.972	ng		97
14) 1,2-Dichlorobenzene	7.87	146	68012	7.875	ng		100
15) Benzyl Alcohol	7.80	79	74710m	8.305	ng		
16) 2,2'-oxybis(1-Chloropropan	8.06	45	59624	7.908	ng		96
17) 2-Methylphenol	7.99	107	50289	7.029	ng		98
18) Hexachloroethane	8.57	117	25871	7.641	ng		99
19) n-Nitroso-di-n-propylamine	8.35	70	63055	7.249	ng		99
20) 3+4-Methylphenols	8.34	107	64168	6.529	ng		95
22) Acetophenone	8.37	105	99458	7.733	ng	#	96
24) Nitrobenzene	8.75	77	93453	8.544	ng		97
25) Isophorone	9.26	82	158535	7.713	ng		99
26) 2-Nitrophenol	9.46	139	32245	6.918	ng	#	94
27) 2,4-Dimethylphenol	9.52	122	45956	6.973	ng		94
28) bis(2-Chloroethoxy)methane	9.75	93	85819	7.456	ng		98
29) 2,4-Dichlorophenol	10.01	162	54645m	7.300	ng		
30) 1,2,4-Trichlorobenzene	10.17	180	65665	8.151	ng		98
31) Naphthalene	10.36	128	208359	8.226	ng		98
32) Benzoic acid	9.66	122	17429	7.584	ng	#	87
33) 4-Chloroaniline	10.52	127	72171	6.917	ng		99
34) Hexachlorobutadiene	10.61	225	38643	8.133	ng		96
35) Caprolactam	11.35	113	17896m	6.316	ng		
36) 4-Chloro-3-methylphenol	11.65	107	66874	7.190	ng		99
37) 2-Methylnaphthalene	11.99	142	144509	7.837	ng		99
38) 1-Methylnaphthalene	12.21	142	145408	7.986	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	69295	7.801	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.31	237	3745	12.681	ng	87
43) 2,4,6-Trichlorophenol	12.63	196	42878	7.120	ng	97
44) 2,4,5-Trichlorophenol	12.72	196	42344	6.755	ng	99
46) 1,1'-Biphenyl	13.02	154	203803	8.172	ng	98
47) 2-Chloronaphthalene	13.06	162	149682	7.868	ng	99
48) 2-Nitroaniline	13.32	65	45378	6.618	ng	93
49) Acenaphthylene	13.92	152	255299	7.713	ng	98
50) Dimethylphthalate	13.67	163	202308	7.965	ng	99
51) 2,6-Dinitrotoluene	13.81	165	41768	7.437	ng	86
52) Acenaphthene	14.26	154	147211	8.021	ng	99
53) 3-Nitroaniline	14.16	138	35331	6.300	ng	92
54) 2,4-Dinitrophenol	14.42	184	8572	9.795	ng	95
55) Dibenzofuran	14.60	168	236464	7.879	ng	99
56) 4-Nitrophenol	14.53	139	12392	8.455	ng	98
57) 2,4-Dinitrotoluene	14.62	165	55092	6.824	ng	96
58) Fluorene	15.26	166	191906	7.547	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.84	232	41812	7.311	ng	98
60) Diethylphthalate	15.04	149	200415	7.587	ng	100
61) 4-Chlorophenyl-phenylether	15.25	204	91088	7.440	ng	89
62) 4-Nitroaniline	15.34	138	28533	5.164	ng	98
63) Azobenzene	15.54	77	216804	7.679	ng	98
65) 4,6-Dinitro-2-methylphenol	15.40	198	20094	5.118	ng	99
66) n-Nitrosodiphenylamine	15.48	169	162881	8.097	ng	98
67) 4-Bromophenyl-phenylether	16.15	248	55242	7.808	ng	97
68) Hexachlorobenzene	16.26	284	67051	7.899	ng	99
69) Atrazine	16.44	200	53118	7.778	ng	97
70) Pentachlorophenol	16.63	266	27477m	6.335	ng	
71) Phenanthrene	17.00	178	288921	7.912	ng	98
72) Anthracene	17.10	178	269617	7.417	ng	100
73) Carbazole	17.39	167	245993	7.248	ng	99
74) Di-n-butylphthalate	17.93	149	303176	6.802	ng	100
75) Fluoranthene	19.04	202	305712	7.275	ng	99
77) Benzidine	19.26	184	96121	6.240	ng	98
78) Pyrene	19.40	202	314764	8.514	ng	99
80) Butylbenzylphthalate	20.31	149	126937	7.082	ng	97
81) Benzo(a)anthracene	21.16	228	276302	7.813	ng	99
82) 3,3'-Dichlorobenzidine	21.11	252	100786	7.660	ng	97
83) Chrysene	21.22	228	272467	8.034	ng	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	180337	6.758	ng	99
85) Di-n-octyl phthalate	21.94	149	302263	6.981	ng	100
86) Indeno(1,2,3-cd)pyrene	25.59	276	314425	9.425	ng	99
88) Benzo(b)fluoranthene	22.72	252	278174	7.520	ng	100
89) Benzo(k)fluoranthene	22.76	252	263254	7.560	ng	100
90) Benzo(a)pyrene	23.28	252	257871	7.868	ng	99
91) Dibenzo(a,h)anthracene	25.59	278	258531	8.181	ng	97
92) Benzo(g,h,i)perylene	26.27	276	251829	8.799	ng	98

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

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