Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037468.D
Acq On : 20 Oct 2018 2:22
Operator : JU/SJ
Sample : J5164-09
Misc : MDL 5PPM
ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
10/22/2018 3:39:33 PM

Quant Time: Oct 20 07:01:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52739	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	244784	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	161678	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	397770	20.00	ng		0.00
76) Chrysene-d12	21.77	240	374182	20.00	ng		0.00
87) Perylene-d12	25.11	264	370196	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	427746	135.60	ng		0.00
7) Phenol-d6	7.25	99	633398	132.79	ng		0.00
23) Nitrobenzene-d5	9.28	82	354872	81.21	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	238934	135.50	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	859733	80.19	ng		0.00
79) Terphenyl-d14	20.09	244	1324103	75.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	7825	4.891	ng		93
3) Pyridine	3.95	79	20083	4.981	ng		92
4) n-Nitrosodimethylamine	3.86	42	8044	5.601	ng	#	95
6) Aniline	7.43	93	20124	3.458	ng		94
8) 2-Chlorophenol	7.67	128	17878	4.845	ng		99
9) Benzaldehyde	7.25	77	14859	4.980	ng		89
10) Phenol	7.28	94	25234	5.014	ng		94
11) bis(2-Chloroethyl)ether	7.52	93	18964	4.961	ng		89
12) 1,3-Dichlorobenzene	7.99	146	19498	4.746	ng		95
13) 1,4-Dichlorobenzene	8.15	146	20290	4.828	ng		95
14) 1,2-Dichlorobenzene	8.46	146	19370	4.792	ng		97
15) Benzyl Alcohol	8.35	79	15855	4.498	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	34501	5.044	ng		96
17) 2-Methylphenol	8.53	107	15684	4.714	ng		98
18) Hexachloroethane	9.19	117	7264	5.070	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	14961	4.555	ng	#	87
20) 3+4-Methylphenols	8.86	107	21673	4.556	ng		93
22) Acetophenone	8.93	105	29549	4.813	ng	#	95
24) Nitrobenzene	9.33	77	23731	5.228	ng		98
25) Isophorone	9.84	82	41045	5.141	ng		99
26) 2-Nitrophenol	10.04	139	8377	4.096	ng	#	85
27) 2,4-Dimethylphenol	10.08	122	17126	4.690	ng		97
28) bis(2-Chloroethoxy)methane	10.33	93	26237	5.016	ng		98
29) 2,4-Dichlorophenol	10.56	162	17922	4.408	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	20887	4.725	ng		98
31) Naphthalene	10.98	128	64207	5.340	ng		98
32) Benzoic acid	10.12	122	5366m	2.263	ng		
33) 4-Chloroaniline	11.09	127	19772	3.500	ng	#	93
34) Hexachlorobutadiene	11.24	225	11829	4.515	ng		95
35) Caprolactam	11.85	113	6281	3.852	ng		92
36) 4-Chloro-3-methylphenol	12.18	107	20386	4.446	ng	#	91
37) 2-Methylnaphthalene	12.58	142	48736	5.561	ng		98
38) 1-Methylnaphthalene	12.79	142	46613m	5.476	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	24139	4.629	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	12099	4.857	ng		92
43) 2,4,6-Trichlorophenol	13.17	196	15060	4.323	ng		90
44) 2,4,5-Trichlorophenol	13.24	196	17301	4.561	ng		94
46) 1,1'-Biphenyl	13.58	154	62259	4.650	ng		99
47) 2-Chloronaphthalene	13.62	162	50279	4.963	ng		96
48) 2-Nitroaniline	13.83	65	13003	4.233	ng		93
49) Acenaphthylene	14.46	152	83368	5.471	ng		97
50) Dimethylphthalate	14.19	163	63798	5.101	ng		99
51) 2,6-Dinitrotoluene	14.32	165	12496	4.516	ng		94
52) Acenaphthene	14.80	154	47975	5.112	ng		96
53) 3-Nitroaniline	14.65	138	12633	4.113	ng		98
54) 2,4-Dinitrophenol	14.85	184	973	7.636	ng	#	85
55) Dibenzofuran	15.14	168	81746	5.257	ng		98
56) 4-Nitrophenol	14.93	139	6687	2.941	ng	#	88
57) 2,4-Dinitrotoluene	15.09	165	16408	4.518	ng	#	91
58) Fluorene	15.79	166	64996	5.582	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.36	232	14437	4.445	ng		98
60) Diethylphthalate	15.54	149	65967	5.137	ng		96
61) 4-Chlorophenyl-phenylether	15.77	204	34328	5.058	ng		97
62) 4-Nitroaniline	15.80	138	12585	4.123	ng		94
63) Azobenzene	16.07	77	64744	5.284	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	3667	9.953	ng		85
66) n-Nitrosodiphenylamine	15.99	169	57362	4.794	ng		97
67) 4-Bromophenyl-phenylether	16.67	248	19554	4.476	ng		97
68) Hexachlorobenzene	16.78	284	21581	4.767	ng		96
69) Atrazine	16.93	200	19546	4.518	ng		97
70) Pentachlorophenol	17.12	266	7421	2.447	ng		90
71) Phenanthrene	17.53	178	112111	5.546	ng		96
72) Anthracene	17.62	178	111359	5.613	ng		97
73) Carbazole	17.89	167	95714	4.823	ng		98
74) Di-n-butylphthalate	18.43	149	107192	4.856	ng		99
75) Fluoranthene	19.53	202	126196	5.504	ng		99
77) Benzidine	19.72	184	18099	1.423	ng		96
78) Pyrene	19.89	202	128268	5.244	ng		97
80) Butylbenzylphthalate	20.77	149	44601	4.455	ng		97
81) Benzo(a)anthracene	21.75	228	117842	5.324	ng		97
82) 3,3'-Dichlorobenzidine	21.67	252	26095	3.042	ng		99
83) Chrysene	21.82	228	114182	5.365	ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	60476	4.310	ng		98
85) Di-n-octyl phthalate	22.88	149	97942	4.280	ng		98
86) Indeno(1,2,3-cd)pyrene	28.92	276	95511	4.184	ng	#	75
88) Benzo(b)fluoranthene	24.03	252	103632	5.106	ng		97
89) Benzo(k)fluoranthene	24.10	252	107401m	5.401	ng		
90) Benzo(a)pyrene	24.94	252	97568	5.059	ng		95
91) Dibenzo(a,h)anthracene	28.99	278	73568	4.136	ng	#	95
92) Benzo(g,h,i)perylene	30.13	276	82033	4.558	ng		94

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

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