Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037461.D
Acq On : 19 Oct 2018 19:51
Operator : JU/SJ
Sample : J5164-08
Misc : LOQ 20 PPM
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2018

Manual Integrations APPROVED
Sohil
10/22/2018 3:39:25 PM

Quant Time: Oct 20 02:45:11 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	51651	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	238479	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	157047	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	390575	20.00	ng		0.00
76) Chrysene-d12	21.77	240	363594	20.00	ng		0.00
87) Perylene-d12	25.11	264	370942	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	459774	148.82	ng		0.00
7) Phenol-d6	7.25	99	664140	142.16	ng		0.00
23) Nitrobenzene-d5	9.28	82	351723	82.62	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	244710	142.86	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	847744	81.40	ng		0.00
79) Terphenyl-d14	20.09	244	1345508	79.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	25859	16.505	ng		97
3) Pyridine	3.94	79	74407	18.843	ng		99
4) n-Nitrosodimethylamine	3.86	42	30598	21.754	ng		90
6) Aniline	7.43	93	96460	16.926	ng		97
8) 2-Chlorophenol	7.67	128	73136	20.236	ng		98
9) Benzaldehyde	7.25	77	51218	17.527	ng		97
10) Phenol	7.28	94	102690	20.834	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	74453	19.888	ng		93
12) 1,3-Dichlorobenzene	8.00	146	78656	19.549	ng		98
13) 1,4-Dichlorobenzene	8.14	146	79836	19.398	ng		97
14) 1,2-Dichlorobenzene	8.46	146	74966	18.935	ng		97
15) Benzyl Alcohol	8.34	79	67380	19.520	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	132778	19.822	ng		97
17) 2-Methylphenol	8.54	107	67634	20.755	ng		95
18) Hexachloroethane	9.19	117	27201	19.386	ng		90
19) n-Nitroso-di-n-propylamine	8.91	70	61062	18.981	ng		94
20) 3+4-Methylphenols	8.87	107	94528	20.289	ng		94
22) Acetophenone	8.94	105	119132	19.919	ng	#	97
24) Nitrobenzene	9.32	77	88802	20.080	ng		97
25) Isophorone	9.84	82	170759	21.953	ng		97
26) 2-Nitrophenol	10.04	139	37901	19.024	ng		98
27) 2,4-Dimethylphenol	10.08	122	80415	22.606	ng		96
28) bis(2-Chloroethoxy)methane	10.33	93	104096	20.426	ng		99
29) 2,4-Dichlorophenol	10.56	162	78944	19.932	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	80579	18.709	ng		99
31) Naphthalene	10.98	128	250356	21.373	ng		98
32) Benzoic acid	10.16	122	37330m	16.157	ng		
33) 4-Chloroaniline	11.09	127	85040	15.451	ng		98
34) Hexachlorobutadiene	11.25	225	48057	18.826	ng		100
35) Caprolactam	11.86	113	28668	18.048	ng		94
36) 4-Chloro-3-methylphenol	12.19	107	89583	20.056	ng		98
37) 2-Methylnaphthalene	12.58	142	189996	22.251	ng		99
38) 1-Methylnaphthalene	12.80	142	183355	22.112	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	93367	18.432	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	53521	22.119	ng		100
43) 2,4,6-Trichlorophenol	13.17	196	65829	19.452	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	76877	20.864	ng		99
46) 1,1'-Biphenyl	13.58	154	241544	18.571	ng		99
47) 2-Chloronaphthalene	13.62	162	192245	19.538	ng		98
48) 2-Nitroaniline	13.83	65	58481	19.599	ng		95
49) Acenaphthylene	14.46	152	320812	21.674	ng		99
50) Dimethylphthalate	14.19	163	255097	20.997	ng		98
51) 2,6-Dinitrotoluene	14.32	165	55203	20.539	ng		92
52) Acenaphthene	14.81	154	190595	20.908	ng		98
53) 3-Nitroaniline	14.65	138	52552	17.613	ng	#	92
54) 2,4-Dinitrophenol	14.85	184	10781	20.705	ng		96
55) Dibenzofuran	15.14	168	314298	20.810	ng		98
56) 4-Nitrophenol	14.93	139	41101	18.610	ng		97
57) 2,4-Dinitrotoluene	15.10	165	76676	21.733	ng	#	95
58) Fluorene	15.79	166	251431	22.230	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	61451	19.478	ng		94
60) Diethylphthalate	15.54	149	260974	20.923	ng		100
61) 4-Chlorophenyl-phenylether	15.78	204	128618	19.510	ng		97
62) 4-Nitroaniline	15.81	138	62566	21.103	ng		90
63) Azobenzene	16.07	77	253066	21.264	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	27503	19.548	ng		98
66) n-Nitrosodiphenylamine	15.99	169	227533	19.367	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	78979	18.414	ng		97
68) Hexachlorobenzene	16.78	284	83293	18.737	ng		99
69) Atrazine	16.93	200	85652	20.164	ng		98
70) Pentachlorophenol	17.13	266	40319	13.541	ng		93
71) Phenanthrene	17.53	178	431224	21.724	ng		96
72) Anthracene	17.62	178	433591	22.258	ng		100
73) Carbazole	17.89	167	396894	20.368	ng		99
74) Di-n-butylphthalate	18.43	149	468387	21.608	ng		99
75) Fluoranthene	19.54	202	513344	22.801	ng		98
77) Benzidine	19.72	184	87111	7.046	ng		97
78) Pyrene	19.89	202	515682	21.696	ng		97
80) Butylbenzylphthalate	20.77	149	198078	20.363	ng		96
81) Benzo(a)anthracene	21.75	228	473735	22.028	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	123909	14.864	ng		98
83) Chrysene	21.82	228	434165	20.995	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	278841	20.450	ng		98
85) Di-n-octyl phthalate	22.88	149	459393	20.661	ng		98
86) Indeno(1,2,3-cd)pyrene	28.93	276	442701	19.959	ng	#	95
88) Benzo(b)fluoranthene	24.04	252	439330	21.603	ng		99
89) Benzo(k)fluoranthene	24.11	252	433615	21.763	ng		98
90) Benzo(a)pyrene	24.95	252	428269	22.162	ng		99
91) Dibenzo(a,h)anthracene	29.00	278	354936	19.912	ng	#	96
92) Benzo(g,h,i)perylene	30.12	276	368488	20.433	ng		99

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

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