Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
Data File : BG037469.D
Acq On : 20 Oct 2018 3:01
Operator : JU/SJ
Sample : J5164-09
Misc : MDL 8PPM
ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
10/22/2018 3:39:35 PM

Quant Time: Oct 20 07:02:06 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	51358	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	243346	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	162001	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	391156	20.00	ng		0.00
76) Chrysene-d12	21.77	240	368299	20.00	ng		0.00
87) Perylene-d12	25.10	264	366574	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	451873	147.10	ng		0.00
7) Phenol-d6	7.25	99	658319	141.72	ng		0.00
23) Nitrobenzene-d5	9.28	82	364591	83.93	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	247298	139.96	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	881785	82.08	ng		0.00
79) Terphenyl-d14	20.09	244	1342730	77.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	11489	7.375	ng		92
3) Pyridine	3.94	79	30019	7.645	ng		93
4) n-Nitrosodimethylamine	3.86	42	11880	8.494	ng	#	97
6) Aniline	7.43	93	38787	6.845	ng		97
8) 2-Chlorophenol	7.67	128	29449	8.195	ng		98
9) Benzaldehyde	7.25	77	23702	8.157	ng		92
10) Phenol	7.27	94	41706	8.510	ng		92
11) bis(2-Chloroethyl)ether	7.53	93	30658	8.236	ng		94
12) 1,3-Dichlorobenzene	8.00	146	32242	8.059	ng		97
13) 1,4-Dichlorobenzene	8.14	146	32257	7.882	ng		97
14) 1,2-Dichlorobenzene	8.47	146	31840	8.088	ng		97
15) Benzyl Alcohol	8.34	79	25593	7.457	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	54685	8.210	ng		96
17) 2-Methylphenol	8.54	107	26248	8.101	ng		96
18) Hexachloroethane	9.19	117	11822	8.474	ng		91
19) n-Nitroso-di-n-propylamine	8.91	70	24291	7.594	ng		92
20) 3+4-Methylphenols	8.86	107	38529	8.317	ng		92
22) Acetophenone	8.94	105	47933	7.854	ng	#	97
24) Nitrobenzene	9.32	77	37160	8.234	ng		95
25) Isophorone	9.84	82	68419	8.620	ng		98
26) 2-Nitrophenol	10.04	139	14691	7.226	ng		92
27) 2,4-Dimethylphenol	10.08	122	30950	8.527	ng		95
28) bis(2-Chloroethoxy)methane	10.32	93	44591	8.575	ng		99
29) 2,4-Dichlorophenol	10.56	162	30782	7.617	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	32915	7.489	ng		98
31) Naphthalene	10.98	128	105001	8.785	ng		99
32) Benzoic acid	10.13	122	10982m	4.658	ng		
33) 4-Chloroaniline	11.09	127	33896	6.036	ng		98
34) Hexachlorobutadiene	11.24	225	19185	7.365	ng		95
35) Caprolactam	11.85	113	10435	6.438	ng		95
36) 4-Chloro-3-methylphenol	12.18	107	35250	7.734	ng		97
37) 2-Methylnaphthalene	12.58	142	77663	8.914	ng		98
38) 1-Methylnaphthalene	12.80	142	76258	9.012	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	39569	7.572	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	20521	8.221	ng		89
43) 2,4,6-Trichlorophenol	13.17	196	25296	7.246	ng		92
44) 2,4,5-Trichlorophenol	13.24	196	29737	7.824	ng		98
46) 1,1'-Biphenyl	13.58	154	103300	7.699	ng		99
47) 2-Chloronaphthalene	13.62	162	80385	7.920	ng		95
48) 2-Nitroaniline	13.82	65	21690	7.047	ng		98
49) Acenaphthylene	14.46	152	136491	8.939	ng		95
50) Dimethylphthalate	14.19	163	104811	8.363	ng		98
51) 2,6-Dinitrotoluene	14.32	165	21321	7.690	ng		97
52) Acenaphthene	14.80	154	79265	8.429	ng		97
53) 3-Nitroaniline	14.65	138	21179	6.881	ng	#	94
54) 2,4-Dinitrophenol	14.85	184	2290	9.601	ng	#	90
55) Dibenzofuran	15.13	168	130271	8.362	ng		98
56) 4-Nitrophenol	14.93	139	13849	6.079	ng		92
57) 2,4-Dinitrotoluene	15.10	165	28962	7.958	ng	#	91
58) Fluorene	15.79	166	105958	9.082	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	24912	7.655	ng		98
60) Diethylphthalate	15.54	149	106466	8.275	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	54817	8.061	ng		97
62) 4-Nitroaniline	15.80	138	23496	7.683	ng		99
63) Azobenzene	16.07	77	103247	8.410	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	7956	11.697	ng		91
66) n-Nitrosodiphenylamine	15.99	169	93748	7.968	ng		97
67) 4-Bromophenyl-phenylether	16.67	248	32431	7.550	ng		95
68) Hexachlorobenzene	16.78	284	34468	7.742	ng		99
69) Atrazine	16.93	200	32320	7.597	ng		94
70) Pentachlorophenol	17.13	266	13473	4.518	ng		98
71) Phenanthrene	17.53	178	178676	8.988	ng		96
72) Anthracene	17.62	178	177944	9.121	ng		99
73) Carbazole	17.89	167	158395	8.117	ng		98
74) Di-n-butylphthalate	18.43	149	177896	8.195	ng		97
75) Fluoranthene	19.53	202	204063	9.050	ng		97
77) Benzidine	19.72	184	31635	2.526	ng		96
78) Pyrene	19.89	202	210027	8.723	ng		99
80) Butylbenzylphthalate	20.77	149	73047	7.413	ng		98
81) Benzo(a)anthracene	21.75	228	189547	8.701	ng		97
82) 3,3'-Dichlorobenzidine	21.67	252	47209	5.591	ng		99
83) Chrysene	21.82	228	178014	8.498	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	102870	7.448	ng		98
85) Di-n-octyl phthalate	22.88	149	166198	7.379	ng		98
86) Indeno(1,2,3-cd)pyrene	28.92	276	158896	7.072	ng		93
88) Benzo(b)fluoranthene	24.04	252	171591	8.538	ng		100
89) Benzo(k)fluoranthene	24.11	252	173074	8.790	ng		98
90) Benzo(a)pyrene	24.95	252	161907	8.478	ng		100
91) Dibenzo(a,h)anthracene	29.00	278	123832	7.030	ng		95
92) Benzo(g,h,i)perylene	30.12	276	139399	7.822	ng		99

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

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