Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
Data File : BG038148.D
Acq On : 26 Nov 2018 23:21
Operator : JU/SJ
Sample : J6032-05MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MMTW-01MS

Manual Integrations APPROVED
mohammad
11/27/2018 2:05:59 PM

Quant Time: Nov 27 07:12:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44376	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	190352	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	116865	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	254648	20.00	ng		0.00
76) Chrysene-d12	21.76	240	228626	20.00	ng		0.00
87) Perylene-d12	25.08	264	243743	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	145026	56.43	ng		0.00
7) Phenol-d6	7.24	99	126576	34.50	ng		0.00
23) Nitrobenzene-d5	9.27	82	293350	82.50	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	149521	112.18	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	618297	77.08	ng		0.00
79) Terphenyl-d14	20.07	244	879536	90.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	18187	14.981	ng		96
3) Pyridine	3.93	79	45396	13.109	ng		95
4) n-Nitrosodimethylamine	3.85	42	24672	19.637	ng	#	96
6) Aniline	7.41	93	61617	13.013	ng		96
8) 2-Chlorophenol	7.65	128	107827	36.156	ng		98
9) Benzaldehyde	7.23	77	63796	24.045	ng		98
10) Phenol	7.27	94	54545	14.036	ng		97
11) bis(2-Chloroethyl)ether	7.51	93	132020	41.613	ng		98
12) 1,3-Dichlorobenzene	7.98	146	139053	40.474	ng		98
13) 1,4-Dichlorobenzene	8.12	146	141886	40.883	ng		98
14) 1,2-Dichlorobenzene	8.44	146	135162	40.792	ng		98
15) Benzyl Alcohol	8.33	79	73314	27.617	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.61	45	268930	45.651	ng		97
17) 2-Methylphenol	8.52	107	79132	30.119	ng		99
18) Hexachloroethane	9.17	117	53081	42.026	ng		96
19) n-Nitroso-di-n-propylamine	8.89	70	110971	41.802	ng		99
20) 3+4-Methylphenols	8.85	107	97798	26.258	ng		98
22) Acetophenone	8.92	105	206829	43.671	ng	#	98
24) Nitrobenzene	9.31	77	161441	44.381	ng		98
25) Isophorone	9.82	82	305672	47.758	ng		98
26) 2-Nitrophenol	10.01	139	74633	41.098	ng		92
27) 2,4-Dimethylphenol	10.06	122	122336	44.712	ng		95
28) bis(2-Chloroethoxy)methane	10.30	93	184908	45.180	ng		96
29) 2,4-Dichlorophenol	10.55	162	129456	42.064	ng		98
30) 1,2,4-Trichlorobenzene	10.77	180	145774	42.269	ng		96
31) Naphthalene	10.96	128	431008	46.036	ng		99
32) Benzoic acid	10.15	122	13847m	18.173	ng		
33) 4-Chloroaniline	11.07	127	57829	13.279	ng		97
34) Hexachlorobutadiene	11.22	225	86888	40.936	ng		96
35) Caprolactam	11.86	113	6523	5.295	ng	#	81
36) 4-Chloro-3-methylphenol	12.17	107	127622	37.957	ng		98
37) 2-Methylnaphthalene	12.56	142	316306	47.034	ng		98
38) 1-Methylnaphthalene	12.78	142	302518	46.733	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	160237	41.033	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	197318	94.361	ng		100
43) 2,4,6-Trichlorophenol	13.16	196	111791	42.010	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	118399	42.286	ng		98
46) 1,1'-Biphenyl	13.56	154	398823	40.622	ng		98
47) 2-Chloronaphthalene	13.60	162	317454	42.373	ng		100
48) 2-Nitroaniline	13.82	65	108765	46.127	ng		96
49) Acenaphthylene	14.45	152	523732	46.487	ng		99
50) Dimethylphthalate	14.17	163	405427	43.760	ng		100
51) 2,6-Dinitrotoluene	14.30	165	94430	45.034	ng		96
52) Acenaphthene	14.79	154	306995	45.263	ng		97
53) 3-Nitroaniline	14.64	138	36838	15.921	ng	#	96
54) 2,4-Dinitrophenol	14.84	184	84867	75.573	ng		90
55) Dibenzofuran	15.12	168	481147	42.901	ng		99
56) 4-Nitrophenol	14.93	139	47195	26.447	ng		95
57) 2,4-Dinitrotoluene	15.09	165	127109	44.553	ng		99
58) Fluorene	15.77	166	388777	46.461	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	103231	44.061	ng		96
60) Diethylphthalate	15.53	149	417537	42.430	ng		97
61) 4-Chlorophenyl-phenylether	15.76	204	203132	41.486	ng		99
62) 4-Nitroaniline	15.80	138	90148	39.220	ng		98
63) Azobenzene	16.05	77	388605	44.167	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	63568	39.467	ng		94
66) n-Nitrosodiphenylamine	15.97	169	345154	44.803	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	124307	44.475	ng		98
68) Hexachlorobenzene	16.77	284	127736	44.276	ng		97
69) Atrazine	16.92	200	123863	43.615	ng		97
70) Pentachlorophenol	17.11	266	144082	73.535	ng		98
71) Phenanthrene	17.52	178	623188	47.799	ng		100
72) Anthracene	17.61	178	632406	49.208	ng		98
73) Carbazole	17.88	167	568182	44.065	ng		99
74) Di-n-butylphthalate	18.41	149	687122	47.473	ng		99
75) Fluoranthene	19.52	202	712116	47.873	ng		99
77) Benzidine	19.70	184	153489	19.133	ng		99
78) Pyrene	19.89	202	719401	48.128	ng		99
80) Butylbenzylphthalate	20.76	149	317390	48.554	ng		99
81) Benzo(a)anthracene	21.74	228	676471	48.963	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	108571	20.174	ng		99
83) Chrysene	21.81	228	628296	47.530	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	441232	47.331	ng		100
85) Di-n-octyl phthalate	22.85	149	752920	49.923	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	728038	49.589	ng	#	91
88) Benzo(b)fluoranthene	24.02	252	669903	49.943	ng		99
89) Benzo(k)fluoranthene	24.09	252	632981	47.824	ng		99
90) Benzo(a)pyrene	24.93	252	644870	50.307	ng		99
91) Dibenzo(a,h)anthracene	28.98	278	604835	49.038	ng		98
92) Benzo(g,h,i)perylene	30.10	276	603168	49.183	ng		98

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

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