Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
Data File : BG038287.D
Acq On : 1 Dec 2018 14:47
Operator : JU/SJ
Sample : PB115178BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Manual Integrations APPROVED
mohammad
12/3/2018 5:13:20 PM

Quant Time: Dec 03 06:44:52 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	8.08	152	26727	20.00	ng		-0.01
21) Naphthalene-d8	10.90	136	113696	20.00	ng		-0.01
39) Acenaphthene-d10	14.71	164	73408	20.00	ng		-0.01
64) Phenanthrene-d10	17.46	188	181192	20.00	ng		-0.01
76) Chrysene-d12	21.74	240	172202	20.00	ng		-0.01
87) Perylene-d12	25.06	264	178643	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	172579	111.49	ng		-0.01
7) Phenol-d6	7.23	99	240262	108.73	ng		0.00
23) Nitrobenzene-d5	9.25	82	150601	70.91	ng		-0.01
42) 2,4,6-Tribromophenol	16.20	330	100417	119.94	ng		-0.01
45) 2-Fluorobiphenyl	13.34	172	352456	69.95	ng		-0.01
79) Terphenyl-d14	20.06	244	607801	83.05	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	21068	28.814	ng	#	94
3) Pyridine	3.91	79	60118	28.823	ng		90
4) n-Nitrosodimethylamine	3.84	42	35087	46.369	ng		83
6) Aniline	7.40	93	56824	19.925	ng		97
8) 2-Chlorophenol	7.64	128	72868	40.568	ng		99
9) Benzaldehyde	7.22	77	43362	27.136	ng		95
10) Phenol	7.25	94	96450	41.209	ng		93
11) bis(2-Chloroethyl)ether	7.50	93	66850	34.986	ng		97
12) 1,3-Dichlorobenzene	7.96	146	72043	34.816	ng		97
13) 1,4-Dichlorobenzene	8.11	146	74103	35.452	ng		98
14) 1,2-Dichlorobenzene	8.43	146	70935	35.545	ng		97
15) Benzyl Alcohol	8.32	79	68228	42.672	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	153354	43.222	ng		95
17) 2-Methylphenol	8.51	107	64988	41.070	ng	#	91
18) Hexachloroethane	9.16	117	27676	36.381	ng		88
19) n-Nitroso-di-n-propylamine	8.88	70	57724	36.103	ng		89
20) 3+4-Methylphenols	8.84	107	91954	40.993	ng		95
22) Acetophenone	8.91	105	108363	38.307	ng	#	94
24) Nitrobenzene	9.29	77	87488	40.266	ng		98
25) Isophorone	9.81	82	168395	44.049	ng		98
26) 2-Nitrophenol	10.00	139	42353	39.047	ng		90
27) 2,4-Dimethylphenol	10.05	122	77978	47.714	ng		99
28) bis(2-Chloroethoxy)methane	10.29	93	97581	39.918	ng		98
29) 2,4-Dichlorophenol	10.54	162	78917	42.931	ng		95
30) 1,2,4-Trichlorobenzene	10.75	180	76712	37.241	ng		96
31) Naphthalene	10.94	128	229279	41.000	ng		99
32) Benzoic acid	10.18	122	34627	36.784	ng		97
33) 4-Chloroaniline	11.06	127	36301	13.955	ng		97
34) Hexachlorobutadiene	11.21	225	46598	36.756	ng		97
35) Caprolactam	11.84	113	30984m	42.110	ng		
36) 4-Chloro-3-methylphenol	12.17	107	89112	44.372	ng		95
37) 2-Methylnaphthalene	12.54	142	171518	42.700	ng		96
38) 1-Methylnaphthalene	12.77	142	162447	42.014	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	89756	36.591	ng		97

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	105920	80.639	ng		98
43) 2,4,6-Trichlorophenol	13.15	196	65782	39.354	ng		96
44) 2,4,5-Trichlorophenol	13.22	196	73727	41.920	ng		95
46) 1,1'-Biphenyl	13.55	154	222590	36.093	ng		99
47) 2-Chloronaphthalene	13.59	162	178282	37.884	ng		99
48) 2-Nitroaniline	13.81	65	65195	44.018	ng		97
49) Acenaphthylene	14.44	152	297822	42.084	ng		99
50) Dimethylphthalate	14.16	163	246394	42.339	ng		99
51) 2,6-Dinitrotoluene	14.29	165	54921	41.697	ng		90
52) Acenaphthene	14.78	154	168996	39.667	ng		98
53) 3-Nitroaniline	14.63	138	25402	17.478	ng	#	96
54) 2,4-Dinitrophenol	14.83	184	67689	93.455	ng	#	82
55) Dibenzofuran	15.11	168	281029	39.892	ng		96
56) 4-Nitrophenol	14.92	139	96221	85.839	ng		83
57) 2,4-Dinitrotoluene	15.08	165	79942	44.609	ng		96
58) Fluorene	15.76	166	230165	43.789	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	67842	46.098	ng		97
60) Diethylphthalate	15.52	149	259786	42.028	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	120597	39.211	ng		99
62) 4-Nitroaniline	15.79	138	59244	41.033	ng		92
63) Azobenzene	16.04	77	237372	42.950	ng		97
65) 4,6-Dinitro-2-methylphenol	15.84	198	48387	42.221	ng		93
66) n-Nitrosodiphenylamine	15.96	169	212916	38.842	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	79348	39.899	ng		97
68) Hexachlorobenzene	16.76	284	81857	39.876	ng		96
69) Atrazine	16.90	200	85537	42.331	ng		98
70) Pentachlorophenol	17.10	266	101221	72.603	ng		92
71) Phenanthrene	17.50	178	400923	43.218	ng		98
72) Anthracene	17.60	178	410479	44.888	ng		99
73) Carbazole	17.87	167	372130	40.561	ng		100
74) Di-n-butylphthalate	18.40	149	455649	44.243	ng		98
75) Fluoranthene	19.51	202	488117	46.118	ng		98
77) Benzidine	19.69	184	160530	26.567	ng		99
78) Pyrene	19.88	202	490076	43.529	ng		96
80) Butylbenzylphthalate	20.74	149	203983	41.430	ng		98
81) Benzo(a)anthracene	21.72	228	445666	42.826	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	79200	19.538	ng		99
83) Chrysene	21.79	228	414857	41.666	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	286971	40.870	ng		98
85) Di-n-octyl phthalate	22.82	149	486922	42.865	ng		98
86) Indeno(1,2,3-cd)pyrene	28.86	276	489727	44.286	ng	#	97
88) Benzo(b)fluoranthene	23.99	252	430882	43.830	ng		97
89) Benzo(k)fluoranthene	24.06	252	426369	43.953	ng		99
90) Benzo(a)pyrene	24.90	252	424759	45.211	ng		99
91) Dibenzo(a,h)anthracene	28.93	278	404058	44.698	ng		99
92) Benzo(g,h,i)perylene	30.06	276	403997	44.947	ng		97

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

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