Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
Data File : BG037728.D
Acq On : 1 Nov 2018 21:08
Operator : JU/SJ
Sample : PB114386BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114386BS

Manual Integrations APPROVED
Sohil
11/2/2018 11:29:42 AM

Quant Time: Nov 02 07:43:51 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	8.10	152	48823	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	235561	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	154580	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	336286	20.00	ng		0.00
76) Chrysene-d12	21.77	240	266348	20.00	ng		0.00
87) Perylene-d12	25.10	264	279111	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	440748	150.93	ng		0.00
7) Phenol-d6	7.25	99	647415	146.61	ng		0.00
23) Nitrobenzene-d5	9.28	82	319031	75.87	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	248084	147.14	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	788194	76.89	ng		-0.01
79) Terphenyl-d14	20.08	244	920335	73.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	47909	32.350	ng		97
3) Pyridine	3.93	79	113153	30.314	ng		96
4) n-Nitrosodimethylamine	3.85	42	57496	43.246	ng		95
6) Aniline	7.43	93	172142	31.955	ng		98
8) 2-Chlorophenol	7.66	128	151611	44.379	ng		97
9) Benzaldehyde	7.24	77	80790	29.247	ng		98
10) Phenol	7.27	94	203964	43.777	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	134807	38.096	ng		99
12) 1,3-Dichlorobenzene	7.99	146	154343	40.581	ng		97
13) 1,4-Dichlorobenzene	8.14	146	154381	39.683	ng		96
14) 1,2-Dichlorobenzene	8.46	146	153407	40.992	ng		99
15) Benzyl Alcohol	8.34	79	141502	43.368	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	272151	42.982	ng		98
17) 2-Methylphenol	8.53	107	139650	45.337	ng		98
18) Hexachloroethane	9.18	117	58169	43.858	ng		93
19) n-Nitroso-di-n-propylamine	8.90	70	120043	39.477	ng		93
20) 3+4-Methylphenols	8.86	107	197347	44.811	ng		98
22) Acetophenone	8.93	105	227852	38.568	ng	#	100
24) Nitrobenzene	9.33	77	176353	40.370	ng		96
25) Isophorone	9.84	82	343927	44.763	ng		97
26) 2-Nitrophenol	10.03	139	87221	44.321	ng		95
27) 2,4-Dimethylphenol	10.07	122	167783	47.751	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	208406	41.400	ng		99
29) 2,4-Dichlorophenol	10.56	162	168552	43.084	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	172389	40.520	ng		99
31) Naphthalene	10.98	128	498469	43.082	ng		99
32) Benzoic acid	10.19	122	103307	45.267	ng		93
33) 4-Chloroaniline	11.08	127	130192	23.948	ng		97
34) Hexachlorobutadiene	11.23	225	104262	41.350	ng		98
35) Caprolactam	11.87	113	63496m	40.469	ng		
36) 4-Chloro-3-methylphenol	12.19	107	185088	41.951	ng		99
37) 2-Methylnaphthalene	12.57	142	384346	45.570	ng		99
38) 1-Methylnaphthalene	12.79	142	367546	44.873	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	205018	41.118	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	256780	107.814	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	147639	44.321	ng		96
44) 2,4,5-Trichlorophenol	13.24	196	156433	43.133	ng		98
46) 1,1'-Biphenyl	13.57	154	490541	38.318	ng		98
47) 2-Chloronaphthalene	13.62	162	394440	40.726	ng		98
48) 2-Nitroaniline	13.83	65	128609	43.789	ng		99
49) Acenaphthylene	14.46	152	638772	43.844	ng		100
50) Dimethylphthalate	14.18	163	493209	41.243	ng		100
51) 2,6-Dinitrotoluene	14.31	165	109369	41.342	ng		96
52) Acenaphthene	14.80	154	371888	41.447	ng		98
53) 3-Nitroaniline	14.65	138	97419	33.171	ng	#	99
54) 2,4-Dinitrophenol	14.85	184	84493	75.040	ng		90
55) Dibenzofuran	15.14	168	585888	39.411	ng		98
56) 4-Nitrophenol	14.94	139	252138	115.987	ng		98
57) 2,4-Dinitrotoluene	15.10	165	153700	44.260	ng		95
58) Fluorene	15.78	166	467751	42.016	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	137860	44.396	ng		99
60) Diethylphthalate	15.54	149	500895	40.798	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	247593	38.157	ng		97
62) 4-Nitroaniline	15.81	138	120008	41.123	ng		95
63) Azobenzene	16.06	77	468156	39.966	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	75636	43.772	ng		99
66) n-Nitrosodiphenylamine	15.99	169	431166	42.624	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	152117	41.191	ng		97
68) Hexachlorobenzene	16.78	284	155754	40.694	ng		97
69) Atrazine	16.93	200	155677	42.566	ng		98
70) Pentachlorophenol	17.12	266	183443	71.553	ng		97
71) Phenanthrene	17.53	178	721388	42.208	ng		99
72) Anthracene	17.62	178	741444	44.206	ng		99
73) Carbazole	17.89	167	660724	39.382	ng		99
74) Di-n-butylphthalate	18.42	149	777948	41.683	ng		99
75) Fluoranthene	19.53	202	732086	37.766	ng		99
77) Benzidine	19.71	184	310343	34.267	ng		99
78) Pyrene	19.90	202	723814	41.571	ng		100
80) Butylbenzylphthalate	20.76	149	317333	44.533	ng		99
81) Benzo(a)anthracene	21.75	228	676509	42.941	ng		97
82) 3,3'-Dichlorobenzidine	21.66	252	191344	31.335	ng		97
83) Chrysene	21.82	228	640055	42.251	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	459858	46.039	ng		100
85) Di-n-octyl phthalate	22.87	149	785991	48.257	ng		97
86) Indeno(1,2,3-cd)pyrene	28.93	276	681856	41.965	ng		97
88) Benzo(b)fluoranthene	24.04	252	659252	43.083	ng	#	98
89) Benzo(k)fluoranthene	24.11	252	647286	43.176	ng	#	97
90) Benzo(a)pyrene	24.95	252	638740	43.929	ng	#	96
91) Dibenzo(a,h)anthracene	29.00	278	546263	40.728	ng		97
92) Benzo(g,h,i)perylene	30.14	276	552133	40.690	ng		97

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

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