Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
Data File : BG046570.D
Acq On : 9 Sep 2020 13:08
Operator : CG/JU
Sample : PB131493BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB131493BS

Manual Integrations APPROVED
mohammad
9/10/2020 10:35:51 AM

Quant Time: Sep 09 13:51:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	66998	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	267115	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	185441	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	440838	20.00	ng		0.00
76) Chrysene-d12	21.55	240	447389	20.00	ng		0.00
86) Perylene-d12	24.65	264	461665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	413858	109.41	ng		0.00
7) Phenol-d6	7.10	99	539727	100.65	ng		0.00
23) Nitrobenzene-d5	9.08	82	432592	92.56	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	232369	92.48	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1112186	91.56	ng		0.00
79) Terphenyl-d14	19.92	244	1522909	72.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	56630	35.985	ng		95
3) Pyridine	3.81	79	127379	27.664	ng		98
4) n-Nitrosodimethylamine	3.72	42	67504	39.750	ng		100
6) Aniline	7.25	93	180016	29.833	ng		99
8) 2-Chlorophenol	7.50	128	160397	40.120	ng		98
9) Benzaldehyde	7.06	77	88332	29.402	ng		99
10) Phenol	7.13	94	198945	40.281	ng		99
11) bis(2-Chloroethyl)ether	7.35	93	151455	38.150	ng		100
12) 1,3-Dichlorobenzene	7.82	146	183733	36.198	ng		99
13) 1,4-Dichlorobenzene	7.96	146	186610	36.723	ng		96
14) 1,2-Dichlorobenzene	8.28	146	175649	36.049	ng		98
15) Benzyl Alcohol	8.17	79	134781	39.150	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	228836	37.161	ng		99
17) 2-Methylphenol	8.38	107	140048	39.983	ng		97
18) Hexachloroethane	9.01	117	63853	37.060	ng		94
19) n-Nitroso-di-n-propylamine	8.73	70	119991	37.409	ng		99
20) 3+4-Methylphenols	8.70	107	191995	39.712	ng		97
22) Acetophenone	8.75	105	233765	35.952	ng	#	99
24) Nitrobenzene	9.12	77	171963	37.244	ng		97
25) Isophorone	9.65	82	327660	38.241	ng		99
26) 2-Nitrophenol	9.84	139	94238	38.685	ng		97
27) 2,4-Dimethylphenol	9.91	122	154173	46.015	ng		97
28) bis(2-Chloroethoxy)methane	10.13	93	201752	36.583	ng		98
29) 2,4-Dichlorophenol	10.38	162	176999	39.628	ng		100
30) 1,2,4-Trichlorobenzene	10.59	180	189638	35.784	ng		99
31) Naphthalene	10.77	128	488018	37.418	ng		98
32) Benzoic acid	10.05	122	61250	29.346	ng		97
33) 4-Chloroaniline	10.88	127	129819	22.573	ng		98
34) Hexachlorobutadiene	11.07	225	121747	35.389	ng		98
35) Caprolactam	11.65	113	57015m	34.149	ng		
36) 4-Chloro-3-methylphenol	12.01	107	170361	38.997	ng		95
37) 2-Methylnaphthalene	12.38	142	385963	37.523	ng		99
38) 1-Methylnaphthalene	12.60	142	365842	37.548	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	228845	37.423	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	264608	99.514 ng	99
43) 2,4,6-Trichlorophenol	13.00	196	152631	36.986 ng	99
44) 2,4,5-Trichlorophenol	13.07	196	165882	38.259 ng	99
46) 1,1'-Biphenyl	13.39	154	498477	38.636 ng	100
47) 2-Chloronaphthalene	13.44	162	389682	35.623 ng	98
48) 2-Nitroaniline	13.64	65	107446	35.373 ng	99
49) Acenaphthylene	14.28	152	629495	37.936 ng	99
50) Dimethylphthalate	14.01	163	506370	35.295 ng	99
51) 2,6-Dinitrotoluene	14.13	165	114106	36.081 ng	99
52) Acenaphthene	14.62	154	369173	35.902 ng	99
53) 3-Nitroaniline	14.46	138	83001	24.229 ng	97
54) 2,4-Dinitrophenol	14.67	184	128207	69.452 ng	96
55) Dibenzofuran	14.96	168	606362	36.744 ng	100
56) 4-Nitrophenol	14.78	139	178952	70.981 ng	96
57) 2,4-Dinitrotoluene	14.92	165	162525	36.042 ng	99
58) Fluorene	15.60	166	498898	36.021 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	158529	37.652 ng	98
60) Diethylphthalate	15.38	149	500558	35.785 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	276915	36.303 ng	99
62) 4-Nitroaniline	15.62	138	114023	31.545 ng	96
63) Azobenzene	15.89	77	422624	37.143 ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	101137	40.533 ng	95
66) n-Nitrosodiphenylamine	15.82	169	451716	37.982 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	190386	37.017 ng	98
68) Hexachlorobenzene	16.62	284	200697	35.235 ng	97
69) Atrazine	16.76	200	169076	34.849 ng	99
70) Pentachlorophenol	16.96	266	228694	76.846 ng	99
71) Phenanthrene	17.34	178	824780	36.912 ng	100
72) Anthracene	17.44	178	847925	38.462 ng	100
73) Carbazole	17.70	167	763269	36.669 ng	99
74) Di-n-butylphthalate	18.27	149	894081	37.354 ng	99
75) Fluoranthene	19.35	202	1054957	36.687 ng	99
77) Benzidine	19.54	184	430857	41.445 ng	99
78) Pyrene	19.72	202	1056662	37.090 ng	98
80) Butylbenzylphthalate	20.60	149	403645	36.324 ng	96
81) Benzo(a)anthracene	21.53	228	1016465	36.451 ng	98
82) 3,3'-Dichlorobenzidine	21.44	252	280816	27.136 ng	99
83) Chrysene	21.60	228	967122	36.055 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	571134	37.662 ng	97
85) Di-n-octyl phthalate	22.62	149	981647	37.804 ng	99
87) Indeno(1,2,3-cd)pyrene	28.16	276	1200289	36.199 ng	100
88) Benzo(b)fluoranthene	23.67	252	1058091	36.705 ng	99
89) Benzo(k)fluoranthene	23.74	252	1002000	35.966 ng	100
90) Benzo(a)pyrene	24.51	252	962457	35.777 ng	99
91) Dibenzo(a,h)anthracene	28.22	278	987539	36.907 ng	99
92) Benzo(g,h,i)perylene	29.26	276	1011587	37.859 ng	98

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

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