Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
Data File : BG035760.D
Acq On : 19 Jul 2018 22:05
Operator : JU/SJ
Sample : J4030-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB1-12-0MS

Manual Integrations APPROVED
Sohil
7/20/2018 11:18:29 AM

Quant Time: Jul 20 02:34:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39177	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	140167	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	103269	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	295646	20.00	ng		0.00
75) Chrysene-d12	21.67	240	349829	20.00	ng		0.00
86) Perylene-d12	24.86	264	338213	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	321085	136.07	ng		0.00
7) Phenol-d6	7.20	99	427275	121.36	ng		0.00
23) Nitrobenzene-d5	9.19	82	319057	95.09	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	225011	165.31	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	741957	96.26	ng		0.00
78) Terphenyl-d14	20.00	244	1519164	95.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	47261	39.351	ng	#	76
3) Pyridine	3.93	79	109272	34.851	ng	#	70
4) n-Nitrosodimethylamine	3.83	42	52975	39.350	ng	#	81
6) Aniline	7.36	93	83252	18.244	ng		92
8) 2-Chlorophenol	7.60	128	119535	49.807	ng		94
9) Benzaldehyde	7.17	77	63976	29.615	ng		95
10) Phenol	7.23	94	157026	44.146	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	128042	45.966	ng		92
12) 1,3-Dichlorobenzene	7.92	146	137044	47.286	ng		96
13) 1,4-Dichlorobenzene	8.07	146	141367	48.007	ng		95
14) 1,2-Dichlorobenzene	8.38	146	135074	47.748	ng		98
15) Benzyl Alcohol	8.27	79	139279	43.564	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	140600	60.205	ng		78
17) 2-Methylphenol	8.48	107	116414	48.138	ng	#	94
18) Hexachloroethane	9.11	117	53287	47.328	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	120379	40.604	ng	#	85
20) 3+4-Methylphenols	8.80	107	154991	46.198	ng		95
22) Acetophenone	8.85	105	218299	50.082	ng	#	88
24) Nitrobenzene	9.24	77	171126	50.713	ng		93
25) Isophorone	9.75	82	340585	54.681	ng		100
26) 2-Nitrophenol	9.95	139	69588	58.066	ng	#	87
27) 2,4-Dimethylphenol	10.00	122	122848	60.558	ng		94
28) bis(2-Chloroethoxy)methane	10.23	93	172750	50.333	ng		93
29) 2,4-Dichlorophenol	10.49	162	135903	58.688	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	151506	53.356	ng		99
31) Naphthalene	10.88	128	378628	51.857	ng		98
32) Benzoic acid	10.15	122	37462	27.432	ng		95
33) 4-Chloroaniline	11.01	127	14873	4.674	ng	#	94
34) Hexachlorobutadiene	11.16	225	116557	52.640	ng		97
35) Caprolactam	11.83	113	41166m	41.425	ng		
36) 4-Chloro-3-methylphenol	12.12	107	172667	55.628	ng		95
37) 2-Methylnaphthalene	12.48	142	294745	54.184	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	201628	51.730	ng		98
40) Hexachlorocyclopentadiene	12.83	237	254225	124.368	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	132667	58.202	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	147647	57.902	ng		97
45) 1,1'-Biphenyl	13.49	154	416113	51.973	ng		98
46) 2-Chloronaphthalene	13.53	162	325145	52.209	ng		99
47) 2-Nitroaniline	13.74	65	114613	52.057	ng		98
48) Acenaphthylene	14.38	152	548794	52.606	ng		98
49) Dimethylphthalate	14.11	163	479803	53.029	ng		99
50) 2,6-Dinitrotoluene	14.23	165	108333	58.797	ng		91
51) Acenaphthene	14.72	154	323569	49.791	ng		97
52) 3-Nitroaniline	14.56	138	33126	17.591	ng	#	89
53) 2,4-Dinitrophenol	14.77	184	64897	69.441	ng	#	64
54) Dibenzofuran	15.05	168	534751	51.741	ng		93
55) 4-Nitrophenol	14.88	139	152188	113.479	ng	#	84
56) 2,4-Dinitrotoluene	15.02	165	162703	61.553	ng	#	88
57) Fluorene	15.70	166	463530	53.511	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.28	232	147110	60.170	ng	#	92
59) Diethylphthalate	15.47	149	488240	52.479	ng		97
60) 4-Chlorophenyl-phenylether	15.69	204	265885	52.224	ng		97
61) 4-Nitroaniline	15.73	138	102946	52.261	ng	#	84
62) Azobenzene	15.99	77	480720	52.384	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	66798	40.588	ng		91
65) n-Nitrosodiphenylamine	15.91	169	420444	49.963	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	176924	51.581	ng		95
67) Hexachlorobenzene	16.71	284	188008	53.226	ng		94
68) Atrazine	16.85	200	204394	58.992	ng		96
69) Pentachlorophenol	17.05	266	146030	67.875	ng		99
70) Phenanthrene	17.44	178	781436	52.971	ng		98
71) Anthracene	17.53	178	797139	54.267	ng		97
72) Carbazole	17.80	167	744416	53.363	ng		98
73) Di-n-butylphthalate	18.35	149	882757	53.549	ng	#	98
74) Fluoranthene	19.45	202	1073848	54.041	ng		97
76) Benzidine	19.64	184	60197	6.545	ng	#	93
77) Pyrene	19.81	202	1084589	49.032	ng		96
79) Butylbenzylphthalate	20.69	149	417944	52.836	ng	#	93
80) Benzo(a)anthracene	21.64	228	1116723	51.225	ng		99
81) 3,3'-Dichlorobenzidine	21.56	252	179867	23.662	ng		93
82) Chrysene	21.71	228	1030379	51.004	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	586670	54.554	ng	#	99
84) Di-n-octyl phthalate	22.74	149	999657	55.518	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.51	276	1223685	54.711	ng	#	93
87) Benzo(b)fluoranthene	23.85	252	1079580	52.518	ng	#	97
88) Benzo(k)fluoranthene	23.92	252	1061088	52.799	ng	#	98
89) Benzo(a)pyrene	24.71	252	1058667	55.358	ng	#	97
90) Dibenzo(a,h)anthracene	28.57	278	1015742	54.101	ng	#	96
91) Benzo(g,h,i)perylene	29.65	276	1022019	55.628	ng	#	95

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

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