Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036242.D
Acq On : 9 Aug 2018 20:54
Operator : JU/SJ
Sample : J4379-14MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103SMSD

Manual Integrations APPROVED
Sohil
8/10/2018 4:01:50 PM

Quant Time: Aug 10 05:26:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29160	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	106286	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	74756	20.00	ng		-0.01
63) Phenanthrene-d10	17.38	188	195753	20.00	ng		-0.01
75) Chrysene-d12	21.64	240	215337	20.00	ng		-0.01
86) Perylene-d12	24.83	264	207294	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	117967	67.16	ng		0.00
7) Phenol-d6	7.19	99	106353	40.59	ng		0.00
23) Nitrobenzene-d5	9.17	82	253412	99.60	ng		-0.01
41) 2,4,6-Tribromophenol	16.13	330	177269	179.91	ng		-0.01
44) 2-Fluorobiphenyl	13.26	172	546494	97.94	ng		-0.02
78) Terphenyl-d14	19.99	244	928071	95.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	11915	13.329	ng	#	77
3) Pyridine	3.92	79	17402	7.457	ng	#	76
4) n-Nitrosodimethylamine	3.83	42	12033	12.008	ng	#	86
6) Aniline	7.33	93	31757	9.350	ng		95
8) 2-Chlorophenol	7.58	128	66471	37.211	ng		96
9) Benzaldehyde	7.15	77	64740	40.264	ng		96
10) Phenol	7.21	94	42270	15.966	ng		90
11) bis(2-Chloroethyl)ether	7.43	93	82999	40.031	ng		91
12) 1,3-Dichlorobenzene	7.90	146	88101m	40.841	ng		
13) 1,4-Dichlorobenzene	8.04	146	90430	41.259	ng		97
14) 1,2-Dichlorobenzene	8.36	146	85099	40.416	ng		93
15) Benzyl Alcohol	8.25	79	52471	22.050	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.54	45	87038	50.072	ng		79
17) 2-Methylphenol	8.46	107	56253	31.251	ng	#	89
18) Hexachloroethane	9.09	117	32704	39.025	ng	#	88
19) n-Nitroso-di-n-propylamine	8.81	70	77987	35.341	ng	#	85
20) 3+4-Methylphenols	8.79	107	64212	25.714	ng		79
22) Acetophenone	8.83	105	148928	45.059	ng	#	91
24) Nitrobenzene	9.21	77	117705	46.001	ng		94
25) Isophorone	9.74	82	224955	47.629	ng		99
26) 2-Nitrophenol	9.93	139	48753	53.649	ng	#	78
27) 2,4-Dimethylphenol	9.98	122	74917	48.703	ng		88
28) bis(2-Chloroethoxy)methane	10.21	93	114094	43.840	ng		92
29) 2,4-Dichlorophenol	10.47	162	91414	52.060	ng		91
30) 1,2,4-Trichlorobenzene	10.67	180	101169	46.986	ng		98
31) Naphthalene	10.86	128	294699	53.228	ng		97
32) Benzoic acid	10.14	122	10332m	9.977	ng		
33) 4-Chloroaniline	10.99	127	21248	8.805	ng		98
34) Hexachlorobutadiene	11.14	225	77028	45.877	ng		99
35) Caprolactam	11.83	113	5529m	7.337	ng		
36) 4-Chloro-3-methylphenol	12.10	107	102959	43.744	ng		92
37) 2-Methylnaphthalene	12.46	142	200289	48.557	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	143897	50.999	ng		99
40) Hexachlorocyclopentadiene	12.80	237	151773	102.567	ng		95

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Quant Time: Aug 10 05:26:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	90650	54.938	ng		97
43) 2,4,5-Trichlorophenol	13.15	196	97543	52.843	ng		96
45) 1,1'-Biphenyl	13.47	154	274550	47.371	ng		99
46) 2-Chloronaphthalene	13.51	162	216071	47.928	ng		99
47) 2-Nitroaniline	13.72	65	74263	46.595	ng		99
48) Acenaphthylene	14.36	152	349761	46.315	ng		99
49) Dimethylphthalate	14.09	163	309903	47.315	ng		100
50) 2,6-Dinitrotoluene	14.21	165	68805	51.587	ng		96
51) Acenaphthene	14.70	154	235404	50.041	ng		98
52) 3-Nitroaniline	14.55	138	20374	14.946	ng	#	96
53) 2,4-Dinitrophenol	14.75	184	77726	110.582	ng	#	69
54) Dibenzofuran	15.04	168	372364	49.771	ng		95
55) 4-Nitrophenol	14.88	139	28247	29.096	ng	#	75
56) 2,4-Dinitrotoluene	15.00	165	102271	53.448	ng	#	88
57) Fluorene	15.68	166	312327	49.808	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	103533	58.498	ng		90
59) Diethylphthalate	15.45	149	297852	44.226	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	168030	45.592	ng		99
61) 4-Nitroaniline	15.71	138	50705	35.558	ng	#	71
62) Azobenzene	15.96	77	298465	44.928	ng		97
64) 4,6-Dinitro-2-methylphenol	15.76	198	61628	56.556	ng		85
65) n-Nitrosodiphenylamine	15.89	169	261668	46.962	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	117500	51.738	ng		93
67) Hexachlorobenzene	16.69	284	114546	48.977	ng		95
68) Atrazine	16.86	200	102711	44.772	ng		97
69) Pentachlorophenol	17.04	266	135221	94.923	ng		99
70) Phenanthrene	17.42	178	488676	50.030	ng		98
71) Anthracene	17.52	178	481445	49.501	ng		98
72) Carbazole	17.79	167	436787	47.289	ng		98
73) Di-n-butylphthalate	18.34	149	497014	45.534	ng	#	97
74) Fluoranthene	19.43	202	655723	49.838	ng		97
77) Pyrene	19.79	202	637416	46.814	ng		100
79) Butylbenzylphthalate	20.68	149	231352	47.514	ng		95
80) Benzo(a)anthracene	21.63	228	615327	45.854	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	14459	3.090	ng		88
82) Chrysene	21.69	228	580071	46.647	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	329111	49.718	ng		98
84) Di-n-octyl phthalate	22.72	149	547978	49.440	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.48	276	675321	49.052	ng	#	88
87) Benzo(b)fluoranthene	23.82	252	597507	47.424	ng	#	95
88) Benzo(k)fluoranthene	23.89	252	552481	44.853	ng	#	97
89) Benzo(a)pyrene	24.69	252	559849	47.763	ng	#	95
90) Dibenzo(a,h)anthracene	28.54	278	560819	48.735	ng	#	95
91) Benzo(g,h,i)perylene	29.62	276	575015	51.065	ng	#	94

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

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