Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
Data File : BG038881.D
Acq On : 28 Dec 2018 19:50
Operator : JU/SJ
Sample : J6193-12MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-122718-AMSD

Manual Integrations APPROVED
Sohil
1/2/2019 3:30:31 PM

Quant Time: Dec 30 22:21:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23507	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	100845	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	76912	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	192921	20.00	ng		0.00
76) Chrysene-d12	21.72	240	192639	20.00	ng		0.00
87) Perylene-d12	25.02	264	209739	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	198768	149.97	ng		0.01
7) Phenol-d6	7.22	99	261949	143.97	ng		0.02
23) Nitrobenzene-d5	9.23	82	188160	95.32	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	193579	182.62	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	532877	95.05	ng		0.00
79) Terphenyl-d14	20.04	244	997006	112.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	19252	31.211	ng	#	1
3) Pyridine	3.91	79	51043	30.056	ng		99
4) n-Nitrosodimethylamine	3.82	42	35137	42.226	ng		95
6) Aniline	7.39	93	24977	10.754	ng		96
8) 2-Chlorophenol	7.62	128	85434	55.703	ng		93
9) Benzaldehyde	7.20	77	45157	38.259	ng		96
10) Phenol	7.25	94	89727	46.419	ng		100
11) bis(2-Chloroethyl)ether	7.48	93	67686	43.982	ng		94
12) 1,3-Dichlorobenzene	7.94	146	81180	44.766	ng		98
13) 1,4-Dichlorobenzene	8.09	146	85541	46.057	ng		96
14) 1,2-Dichlorobenzene	8.41	146	80823	46.160	ng		97
15) Benzyl Alcohol	8.30	79	81176	57.160	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	136108	38.608	ng		97
17) 2-Methylphenol	8.50	107	74747	57.717	ng		98
18) Hexachloroethane	9.13	117	29113	42.897	ng		90
19) n-Nitroso-di-n-propylamine	8.86	70	60568	47.397	ng		92
20) 3+4-Methylphenols	8.83	107	102556	57.340	ng		96
22) Acetophenone	8.89	105	123596	49.067	ng	#	95
24) Nitrobenzene	9.28	77	94320	47.232	ng		94
25) Isophorone	9.79	82	177729	50.112	ng	#	96
26) 2-Nitrophenol	9.99	139	51128	50.024	ng		92
27) 2,4-Dimethylphenol	10.04	122	92690	63.279	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	101500	50.712	ng		99
29) 2,4-Dichlorophenol	10.53	162	108318	66.470	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	99957	50.782	ng		94
31) Naphthalene	10.93	128	270172	54.375	ng		99
32) Benzoic acid	10.20	122	42537	46.202	ng		89
33) 4-Chloroaniline	11.05	127	6447	2.989	ng		93
34) Hexachlorobutadiene	11.18	225	66034	49.579	ng		99
35) Caprolactam	11.84	113	23841m	35.352	ng		
36) 4-Chloro-3-methylphenol	12.16	107	114449	61.545	ng		91
37) 2-Methylnaphthalene	12.52	142	213371	60.193	ng		98
38) 1-Methylnaphthalene	12.75	142	207105	60.209	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	133848	46.557	ng		99

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Quant Time: Dec 30 22:21:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	110453	69.930	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	102924	58.225	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	111907	59.793	ng		96
46) 1,1'-Biphenyl	13.53	154	296668	46.011	ng		98
47) 2-Chloronaphthalene	13.58	162	241283	48.445	ng		98
48) 2-Nitroaniline	13.79	65	77791	49.036	ng		88
49) Acenaphthylene	14.42	152	397172	53.343	ng		98
50) Dimethylphthalate	14.15	163	329944	52.531	ng		99
51) 2,6-Dinitrotoluene	14.28	165	75602	53.115	ng		91
52) Acenaphthene	14.76	154	229784	51.611	ng		97
53) 3-Nitroaniline	14.62	138	15510	10.690	ng		95
54) 2,4-Dinitrophenol	14.83	184	27214	35.234	ng		96
55) Dibenzofuran	15.09	168	397961	52.145	ng		97
56) 4-Nitrophenol	14.93	139	90002	81.766	ng		96
57) 2,4-Dinitrotoluene	15.07	165	105228	52.490	ng		93
58) Fluorene	15.74	166	319881	56.573	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	102670	60.973	ng		96
60) Diethylphthalate	15.50	149	336572	48.814	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	184041	52.167	ng		99
62) 4-Nitroaniline	15.78	138	71461	47.839	ng		98
63) Azobenzene	16.02	77	268971	46.696	ng		96
65) 4,6-Dinitro-2-methylphenol	15.83	198	36851	26.777	ng		82
66) n-Nitrosodiphenylamine	15.95	169	295449	52.122	ng		96
67) 4-Bromophenyl-phenylether	16.62	248	123600	52.459	ng		97
68) Hexachlorobenzene	16.74	284	131673	53.912	ng		95
69) Atrazine	16.89	200	118849	56.497	ng		99
70) Pentachlorophenol	17.09	266	97313	67.362	ng		94
71) Phenanthrene	17.49	178	544500	54.427	ng		99
72) Anthracene	17.58	178	554369	56.131	ng		100
73) Carbazole	17.85	167	478473	48.987	ng		100
74) Di-n-butylphthalate	18.38	149	552798	49.323	ng		99
75) Fluoranthene	19.49	202	656913	53.071	ng		97
77) Benzidine	19.68	184	90032	15.803	ng		99
78) Pyrene	19.86	202	660663	51.913	ng		100
80) Butylbenzylphthalate	20.73	149	249534	50.188	ng		95
81) Benzo(a)anthracene	21.71	228	649853	55.361	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	77503	16.648	ng		100
83) Chrysene	21.77	228	605268	53.533	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	350121	49.651	ng		97
85) Di-n-octyl phthalate	22.79	149	595624	50.435	ng		97
86) Indeno(1,2,3-cd)pyrene	28.82	276	768746	57.833	ng	#	72
88) Benzo(b)fluoranthene	23.97	252	661039	57.404	ng		98
89) Benzo(k)fluoranthene	24.04	252	633606	55.255	ng		97
90) Benzo(a)pyrene	24.87	252	636097	57.257	ng		98
91) Dibenzo(a,h)anthracene	28.88	278	634561	57.367	ng		98
92) Benzo(g,h,i)perylene	30.01	276	631929	57.970	ng		97

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

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