Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038182.D
Acq On : 28 Nov 2018 00:54
Operator : JU/SJ
Sample : PB115087BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115087BS

Manual Integrations APPROVED
mohammad
11/28/2018 4:57:38 PM

Quant Time: Nov 28 05:53:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	38581	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	162951	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	101045	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	234458	20.00	ng		0.00
76) Chrysene-d12	21.76	240	219598	20.00	ng		0.00
87) Perylene-d12	25.08	264	234380	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	294213	131.67	ng		0.00
7) Phenol-d6	7.24	99	405909	127.26	ng		0.00
23) Nitrobenzene-d5	9.27	82	254339	83.55	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	143924	124.89	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	551894	79.57	ng		0.00
79) Terphenyl-d14	20.07	244	867655	92.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	36342	34.432	ng		98
3) Pyridine	3.92	79	103007	34.212	ng		97
4) n-Nitrosodimethylamine	3.84	42	56896	52.088	ng	#	82
6) Aniline	7.42	93	60698	14.744	ng		98
8) 2-Chlorophenol	7.65	128	122146	47.109	ng		99
9) Benzaldehyde	7.23	77	48797	21.154	ng		99
10) Phenol	7.27	94	156703	46.381	ng		99
11) bis(2-Chloroethyl)ether	7.50	93	114596	41.547	ng		99
12) 1,3-Dichlorobenzene	7.97	146	119346	39.955	ng		97
13) 1,4-Dichlorobenzene	8.12	146	125054	41.445	ng		99
14) 1,2-Dichlorobenzene	8.44	146	117597	40.822	ng		97
15) Benzyl Alcohol	8.33	79	106901	46.317	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	239318	46.726	ng		98
17) 2-Methylphenol	8.52	107	106818	46.764	ng		98
18) Hexachloroethane	9.17	117	46117	41.996	ng		96
19) n-Nitroso-di-n-propylamine	8.89	70	91897	39.817	ng		95
20) 3+4-Methylphenols	8.86	107	147664	45.602	ng		97
22) Acetophenone	8.92	105	174023	42.923	ng	#	97
24) Nitrobenzene	9.31	77	141619	45.478	ng		94
25) Isophorone	9.82	82	260971	47.631	ng		98
26) 2-Nitrophenol	10.02	139	67510	43.427	ng		95
27) 2,4-Dimethylphenol	10.06	122	124186	53.020	ng		95
28) bis(2-Chloroethoxy)methane	10.30	93	157397	44.925	ng		98
29) 2,4-Dichlorophenol	10.55	162	125748	47.730	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	125693	42.575	ng		98
31) Naphthalene	10.96	128	369638	46.120	ng		100
32) Benzoic acid	10.18	122	45082m	34.544	ng		
33) 4-Chloroaniline	11.07	127	41382	11.100	ng		95
34) Hexachlorobutadiene	11.22	225	75005	41.280	ng		97
35) Caprolactam	11.86	113	45133	42.799	ng		95
36) 4-Chloro-3-methylphenol	12.18	107	136178	47.312	ng		100
37) 2-Methylnaphthalene	12.56	142	271928	47.234	ng		99
38) 1-Methylnaphthalene	12.77	142	257823	46.526	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	139256	41.243	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	170999	94.578	ng		100
43) 2,4,6-Trichlorophenol	13.16	196	102468	44.535	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	110554	45.666	ng		96
46) 1,1'-Biphenyl	13.56	154	351019	41.350	ng		99
47) 2-Chloronaphthalene	13.60	162	275415	42.517	ng		99
48) 2-Nitroaniline	13.81	65	99079	48.598	ng		96
49) Acenaphthylene	14.45	152	465546	47.792	ng		98
50) Dimethylphthalate	14.17	163	361105	45.078	ng		99
51) 2,6-Dinitrotoluene	14.30	165	81787	45.111	ng		92
52) Acenaphthene	14.79	154	261825	44.647	ng		99
53) 3-Nitroaniline	14.64	138	38208	19.098	ng	#	96
54) 2,4-Dinitrophenol	14.84	184	26271	33.017	ng	#	87
55) Dibenzofuran	15.12	168	426661	43.999	ng		98
56) 4-Nitrophenol	14.93	139	123662	80.146	ng		92
57) 2,4-Dinitrotoluene	15.09	165	115082	46.653	ng		96
58) Fluorene	15.77	166	345230	47.716	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	101146	49.930	ng		100
60) Diethylphthalate	15.52	149	376690	44.273	ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	181342	42.835	ng		99
62) 4-Nitroaniline	15.80	138	89184	44.875	ng		93
63) Azobenzene	16.05	77	348175	45.767	ng		96
65) 4,6-Dinitro-2-methylphenol	15.85	198	36843	24.844	ng		94
66) n-Nitrosodiphenylamine	15.97	169	314843	44.388	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	111746	43.424	ng		96
68) Hexachlorobenzene	16.76	284	117183	44.116	ng		97
69) Atrazine	16.92	200	117912	45.095	ng		99
70) Pentachlorophenol	17.11	266	112808	62.531	ng		96
71) Phenanthrene	17.52	178	576648	48.038	ng		100
72) Anthracene	17.60	178	584127	49.366	ng		100
73) Carbazole	17.88	167	535382	45.097	ng		100
74) Di-n-butylphthalate	18.41	149	650379	48.804	ng		99
75) Fluoranthene	19.52	202	687990	50.234	ng		99
77) Benzidine	19.71	184	137570	17.853	ng		99
78) Pyrene	19.88	202	690277	48.078	ng		99
80) Butylbenzylphthalate	20.75	149	297541	47.389	ng		100
81) Benzo(a)anthracene	21.73	228	650994	49.056	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	107638	20.822	ng		99
83) Chrysene	21.80	228	612550	48.244	ng		97
84) Bis(2-ethylhexyl)phthalate	21.61	149	424820	47.444	ng		99
85) Di-n-octyl phthalate	22.84	149	723035	49.913	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	629620	44.648	ng		99
88) Benzo(b)fluoranthene	24.02	252	640529	49.661	ng		99
89) Benzo(k)fluoranthene	24.09	252	619450	48.672	ng		97
90) Benzo(a)pyrene	24.93	252	622133	50.472	ng		99
91) Dibenzo(a,h)anthracene	28.97	278	521144	43.941	ng		98
92) Benzo(g,h,i)perylene	30.10	276	509761	43.227	ng		99

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

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