Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040329.D
Acq On : 3 Apr 2019 17:04
Operator : JU/SJ
Sample : PB118511BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118511BS

Manual Integrations APPROVED
sohil
4/4/2019 4:46:41 AM

Quant Time: Apr 04 01:55:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48170	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	184047	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	120347	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	326507	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	368913	20.00	ng		-0.03
87) Perylene-d12	24.98	264	366787	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	374012	129.08	ng		-0.01
7) Phenol-d6	7.20	99	501416	125.21	ng		-0.02
23) Nitrobenzene-d5	9.22	82	305724	88.29	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	208759	160.51	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	709969	87.41	ng		-0.02
79) Terphenyl-d14	20.03	244	1376341	83.93	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	51532	37.822	ng	#	92
3) Pyridine	3.89	79	134381	36.632	ng		98
4) n-Nitrosodimethylamine	3.82	42	60237	35.498	ng		88
6) Aniline	7.38	93	134953	25.939	ng		94
8) 2-Chlorophenol	7.61	128	128101	37.767	ng		96
9) Benzaldehyde	7.19	77	86208	31.384	ng		95
10) Phenol	7.23	94	169579	39.014	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	126386	36.304	ng		99
12) 1,3-Dichlorobenzene	7.94	146	137513	37.294	ng		95
13) 1,4-Dichlorobenzene	8.08	146	143042	38.950	ng		97
14) 1,2-Dichlorobenzene	8.40	146	130063	37.035	ng		98
15) Benzyl Alcohol	8.29	79	113384	35.158	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.56	45	232666	34.823	ng		98
17) 2-Methylphenol	8.49	107	117200	38.966	ng		98
18) Hexachloroethane	9.13	117	50247	35.970	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	96666	33.668	ng		99
20) 3+4-Methylphenols	8.82	107	159069	39.039	ng		98
22) Acetophenone	8.88	105	192530	41.936	ng	#	98
24) Nitrobenzene	9.27	77	146406	40.832	ng		98
25) Isophorone	9.78	82	284617	39.949	ng		98
26) 2-Nitrophenol	9.98	139	72318	42.565	ng		95
27) 2,4-Dimethylphenol	10.02	122	135682	50.276	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	170395	40.426	ng		99
29) 2,4-Dichlorophenol	10.51	162	135273	46.179	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	137537	42.760	ng		99
31) Naphthalene	10.92	128	397215	42.106	ng		99
32) Benzoic acid	10.12	122	28515	17.488	ng		92
33) 4-Chloroaniline	11.03	127	96892	24.079	ng		95
34) Hexachlorobutadiene	11.17	225	82591	40.149	ng		95
35) Caprolactam	11.81	113	53660m	46.161	ng		
36) 4-Chloro-3-methylphenol	12.14	107	151401	44.958	ng		99
37) 2-Methylnaphthalene	12.51	142	297128	42.586	ng		98
38) 1-Methylnaphthalene	12.73	142	283741	41.939	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	151220	39.534	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	181991	86.653	ng		97
43) 2,4,6-Trichlorophenol	13.12	196	113211	45.906	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	127498	47.432	ng		98
46) 1,1'-Biphenyl	13.51	154	381988	40.171	ng		98
47) 2-Chloronaphthalene	13.57	162	297918	40.844	ng		99
48) 2-Nitroaniline	13.78	65	101576	41.286	ng		98
49) Acenaphthylene	14.41	152	502442	40.628	ng		100
50) Dimethylphthalate	14.13	163	403973	42.890	ng		98
51) 2,6-Dinitrotoluene	14.27	165	90022	42.566	ng		94
52) Acenaphthene	14.75	154	290253	40.959	ng		96
53) 3-Nitroaniline	14.60	138	68382	30.546	ng	#	95
54) 2,4-Dinitrophenol	14.81	184	84158	74.825	ng		94
55) Dibenzofuran	15.08	168	482855	42.405	ng		98
56) 4-Nitrophenol	14.90	139	175535	97.153	ng		99
57) 2,4-Dinitrotoluene	15.05	165	135618	46.150	ng		95
58) Fluorene	15.73	166	381264	42.588	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	125269	51.356	ng		97
60) Diethylphthalate	15.48	149	438524	45.498	ng		100
61) 4-Chlorophenyl-phenylether	15.72	204	203106	42.443	ng		99
62) 4-Nitroaniline	15.76	138	114530	47.672	ng		98
63) Azobenzene	16.00	77	386061	42.465	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	70306	38.327	ng		92
66) n-Nitrosodiphenylamine	15.93	169	374927	39.241	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	138204	37.613	ng		98
68) Hexachlorobenzene	16.72	284	143796	38.923	ng		97
69) Atrazine	16.87	200	142315	40.041	ng		98
70) Pentachlorophenol	17.07	266	156891	73.455	ng		99
71) Phenanthrene	17.47	178	703739	41.006	ng		99
72) Anthracene	17.56	178	733413	42.696	ng		99
73) Carbazole	17.84	167	726092	44.664	ng		99
74) Di-n-butylphthalate	18.37	149	875689	45.444	ng		100
75) Fluoranthene	19.48	202	940625	46.287	ng		99
77) Benzidine	19.66	184	444246	33.347	ng		97
78) Pyrene	19.84	202	955804	39.398	ng		99
80) Butylbenzylphthalate	20.71	149	437876	42.180	ng		95
81) Benzo(a)anthracene	21.68	228	890783	39.202	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	202184	23.390	ng		98
83) Chrysene	21.75	228	872122	39.936	ng		100
84) Bis(2-ethylhexyl)phthalate	21.55	149	621611	41.888	ng		100
85) Di-n-octyl phthalate	22.77	149	1055799	41.759	ng		99
86) Indeno(1,2,3-cd)pyrene	28.75	276	1080540	40.455	ng	#	92
88) Benzo(b)fluoranthene	23.94	252	965839	43.010	ng		99
89) Benzo(k)fluoranthene	24.01	252	905038	43.826	ng		98
90) Benzo(a)pyrene	24.83	252	927378	44.015	ng		100
91) Dibenzo(a,h)anthracene	28.81	278	885180	45.235	ng		98
92) Benzo(g,h,i)perylene	29.93	276	909600	45.230	ng		98

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

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