Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
Data File : BG044082.D
Acq On : 17 Jan 2020 19:57
Operator : JU
Sample : PB126154BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126154BS

Manual Integrations APPROVED
mohammad
1/21/2020 7:59:12 AM

Quant Time: Jan 18 03:41:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	81601	20.00	ng		-0.03
21) Naphthalene-d8	10.73	136	350650	20.00	ng		-0.04
39) Acenaphthene-d10	14.57	164	226160	20.00	ng		-0.03
64) Phenanthrene-d10	17.31	188	479003	20.00	ng		-0.02
76) Chrysene-d12	21.56	240	404963	20.00	ng		-0.03
87) Perylene-d12	24.67	264	458060	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	671950	151.20	ng		-0.03
7) Phenol-d6	7.11	99	895434	144.14	ng		-0.02
23) Nitrobenzene-d5	9.09	82	467954	71.39	ng		-0.04
42) 2,4,6-Tribromophenol	16.06	330	318623	134.63	ng		-0.02
45) 2-Fluorobiphenyl	13.19	172	1045760	83.78	ng		-0.03
79) Terphenyl-d14	19.93	244	1452379	87.01	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	95933	49.507	ng		97
3) Pyridine	3.79	79	200743	35.068	ng		95
4) n-Nitrosodimethylamine	3.70	42	102454	40.200	ng		95
6) Aniline	7.25	93	274787	33.677	ng		98
8) 2-Chlorophenol	7.50	128	261047	50.034	ng		98
9) Benzaldehyde	7.07	77	128504	32.320	ng		96
10) Phenol	7.14	94	320575	50.086	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	235330	42.594	ng		97
12) 1,3-Dichlorobenzene	7.82	146	255517	41.851	ng		100
13) 1,4-Dichlorobenzene	7.96	146	260276	43.206	ng		99
14) 1,2-Dichlorobenzene	8.29	146	246246	42.587	ng		99
15) Benzyl Alcohol	8.17	79	219342	44.738	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.46	45	324228	37.932	ng		98
17) 2-Methylphenol	8.38	107	225689	48.726	ng		97
18) Hexachloroethane	9.02	117	96181	41.032	ng		97
19) n-Nitroso-di-n-propylamine	8.74	70	190036	41.077	ng		97
20) 3+4-Methylphenols	8.71	107	312196	48.316	ng		98
22) Acetophenone	8.75	105	350193	40.171	ng	#	98
24) Nitrobenzene	9.13	77	267122	41.147	ng		99
25) Isophorone	9.66	82	513724	41.775	ng		100
26) 2-Nitrophenol	9.84	139	147017	47.866	ng		94
27) 2,4-Dimethylphenol	9.91	122	252692	54.654	ng		98
28) bis(2-Chloroethoxy)methane	10.14	93	334040	40.745	ng		98
29) 2,4-Dichlorophenol	10.39	162	259522	47.058	ng		97
30) 1,2,4-Trichlorobenzene	10.60	180	251564	40.682	ng		99
31) Naphthalene	10.78	128	756167	44.563	ng		99
32) Benzoic acid	10.06	122	127966	35.815	ng		94
33) 4-Chloroaniline	10.89	127	173804	21.475	ng		97
34) Hexachlorobutadiene	11.08	225	145512	38.542	ng		98
35) Caprolactam	11.66	113	90099m	43.886	ng		
36) 4-Chloro-3-methylphenol	12.02	107	272106	46.347	ng		98
37) 2-Methylnaphthalene	12.39	142	563602	44.118	ng		96
38) 1-Methylnaphthalene	12.61	142	538809	44.502	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	261546	39.456	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	357215	103.944	ng		98
43) 2,4,6-Trichlorophenol	13.01	196	203039	44.515	ng		99
44) 2,4,5-Trichlorophenol	13.08	196	211898	45.044	ng		98
46) 1,1'-Biphenyl	13.41	154	705987	43.538	ng		98
47) 2-Chloronaphthalene	13.45	162	555669	42.408	ng		97
48) 2-Nitroaniline	13.64	65	166174	39.426	ng		97
49) Acenaphthylene	14.29	152	871587	46.280	ng		97
50) Dimethylphthalate	14.02	163	690600	43.006	ng		97
51) 2,6-Dinitrotoluene	14.14	165	158540	43.680	ng		94
52) Acenaphthene	14.63	154	546744	41.397	ng		97
53) 3-Nitroaniline	14.47	138	116748	28.326	ng		95
54) 2,4-Dinitrophenol	14.67	184	185088	98.720	ng		98
55) Dibenzofuran	14.97	168	824931	45.372	ng		97
56) 4-Nitrophenol	14.79	139	291706	92.357	ng		94
57) 2,4-Dinitrotoluene	14.93	165	218955	44.335	ng		98
58) Fluorene	15.62	166	647278	44.917	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	181046	44.757	ng		99
60) Diethylphthalate	15.39	149	701449	43.673	ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	333584	42.631	ng		96
62) 4-Nitroaniline	15.63	138	160242	39.369	ng		95
63) Azobenzene	15.90	77	648252	43.521	ng		98
65) 4,6-Dinitro-2-methylphenol	15.70	198	128307	51.624	ng		95
66) n-Nitrosodiphenylamine	15.83	169	610022	43.246	ng		96
67) 4-Bromophenyl-phenylether	16.50	248	215239	39.953	ng		99
68) Hexachlorobenzene	16.62	284	230185	39.653	ng		98
69) Atrazine	16.77	200	222709	48.571	ng		99
70) Pentachlorophenol	16.97	266	255670	79.897	ng		99
71) Phenanthrene	17.36	178	1019082	44.355	ng		97
72) Anthracene	17.45	178	1052261	46.342	ng		97
73) Carbazole	17.71	167	932347	44.452	ng		96
74) Di-n-butylphthalate	18.28	149	1160238	43.327	ng		96
75) Fluoranthene	19.36	202	1165004	44.338	ng		97
77) Benzidine	19.54	184	470786	46.251	ng		99
78) Pyrene	19.73	202	1173707	44.402	ng		96
80) Butylbenzylphthalate	20.61	149	544353	43.255	ng		97
81) Benzo(a)anthracene	21.54	228	1109409	44.181	ng		96
82) 3,3'-Dichlorobenzidine	21.46	252	318891	32.144	ng		99
83) Chrysene	21.61	228	1079709	45.252	ng		95
84) Bis(2-ethylhexyl)phthalate	21.47	149	773595	44.550	ng		98
85) Di-n-octyl phthalate	22.64	149	1327906	45.488	ng		97
86) Indeno(1,2,3-cd)pyrene	28.20	276	1346714	41.532	ng	#	92
88) Benzo(b)fluoranthene	23.69	252	1164930	43.019	ng		98
89) Benzo(k)fluoranthene	23.76	252	1138371	44.207	ng		98
90) Benzo(a)pyrene	24.52	252	1074413	42.038	ng		98
91) Dibenzo(a,h)anthracene	28.26	278	1106769	43.119	ng		98
92) Benzo(g,h,i)perylene	29.30	276	1127771	44.233	ng		98

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

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