Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044518.D
Acq On : 20 Feb 2020 13:17
Operator : CG/JU
Sample : PB126924BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126924BS

Manual Integrations APPROVED
mohammad
2/21/2020 2:17:42 PM

Quant Time: Feb 21 06:57:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	69126	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	290581	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	193486	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	423085	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	377968	20.00	ng	-0.02
87) Perylene-d12	24.58	264	385877	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	557125	142.24	ng	-0.02
7) Phenol-d6	7.06	99	743182	141.30	ng	-0.02
23) Nitrobenzene-d5	9.04	82	384282	74.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.01	330	304315	133.98	ng	-0.02
45) 2-Fluorobiphenyl	13.15	172	909798	78.74	ng	-0.02
79) Terphenyl-d14	19.89	244	1401022	76.24	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	69600	39.550	ng	98
3) Pyridine	3.73	79	170755	36.420	ng	97
4) n-Nitrosodimethylamine	3.65	42	86153	43.973	ng	97
6) Aniline	7.21	93	244724	37.484	ng	99
8) 2-Chlorophenol	7.45	128	222886	51.777	ng	99
9) Benzaldehyde	7.01	77	90840	30.325	ng	98
10) Phenol	7.09	94	273888	52.616	ng	99
11) bis(2-Chloroethyl)ether	7.30	93	200823	45.126	ng	97
12) 1,3-Dichlorobenzene	7.77	146	230382	44.824	ng	99
13) 1,4-Dichlorobenzene	7.92	146	234105	45.989	ng	99
14) 1,2-Dichlorobenzene	8.23	146	219298	45.577	ng	99
15) Benzyl Alcohol	8.12	79	183445	49.263	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.42	45	261123	43.352	ng	99
17) 2-Methylphenol	8.33	107	195785	52.716	ng	100
18) Hexachloroethane	8.96	117	84745	44.364	ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	160385	45.754	ng	97
20) 3+4-Methylphenols	8.66	107	267567	52.276	ng	98
22) Acetophenone	8.70	105	301218	42.611	ng	99
24) Nitrobenzene	9.08	77	227773	45.330	ng	99
25) Isophorone	9.61	82	444143	46.297	ng	99
26) 2-Nitrophenol	9.80	139	130547	50.070	ng	99
27) 2,4-Dimethylphenol	9.86	122	214321	58.232	ng	98
28) bis(2-Chloroethoxy)methane	10.09	93	279533	43.679	ng	99
29) 2,4-Dichlorophenol	10.34	162	228890	51.433	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	227783	44.638	ng	99
31) Naphthalene	10.73	128	657412	46.631	ng	100
32) Benzoic acid	10.04	122	68126	33.976	ng	92
33) 4-Chloroaniline	10.84	127	180599	28.166	ng	99
34) Hexachlorobutadiene	11.03	225	134308	42.774	ng	99
35) Caprolactam	11.61	113	82919m	50.863	ng	
36) 4-Chloro-3-methylphenol	11.98	107	234286	50.212	ng	99
37) 2-Methylnaphthalene	12.35	142	497599	47.538	ng	98
38) 1-Methylnaphthalene	12.56	142	466161	47.237	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	251381	43.433	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	243693	87.749	ng	99
43) 2,4,6-Trichlorophenol	12.96	196	179895	48.086	ng	99
44) 2,4,5-Trichlorophenol	13.03	196	193417	50.618	ng	99
46) 1,1'-Biphenyl	13.36	154	626748	44.908	ng	99
47) 2-Chloronaphthalene	13.40	162	490502	44.166	ng	99
48) 2-Nitroaniline	13.60	65	144176	43.989	ng	98
49) Acenaphthylene	14.25	152	774365	47.539	ng	99
50) Dimethylphthalate	13.98	163	627134	45.091	ng	99
51) 2,6-Dinitrotoluene	14.10	165	143573	46.298	ng	96
52) Acenaphthene	14.59	154	475852	45.070	ng	98
53) 3-Nitroaniline	14.43	138	102911	29.995	ng	98
54) 2,4-Dinitrophenol	14.64	184	161823	87.297	ng	99
55) Dibenzofuran	14.92	168	741735	46.400	ng	99
56) 4-Nitrophenol	14.76	139	251083	99.908	ng	96
57) 2,4-Dinitrotoluene	14.89	165	201549	46.371	ng	95
58) Fluorene	15.57	166	589254	46.801	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	169837	49.207	ng	98
60) Diethylphthalate	15.35	149	621050	44.813	ng	99
61) 4-Chlorophenyl-phenylether	15.57	204	307185	44.997	ng	99
62) 4-Nitroaniline	15.59	138	143616	41.892	ng	97
63) Azobenzene	15.86	77	550573	45.329	ng	98
65) 4,6-Dinitro-2-methylphenol	15.66	198	125624	53.791	ng	97
66) n-Nitrosodiphenylamine	15.78	169	549201	46.320	ng	99
67) 4-Bromophenyl-phenylether	16.46	248	209126	45.369	ng	97
68) Hexachlorobenzene	16.58	284	229457	44.433	ng	100
69) Atrazine	16.73	200	209689	51.598	ng	99
70) Pentachlorophenol	16.93	266	238330	90.822	ng	96
71) Phenanthrene	17.31	178	943819	46.069	ng	99
72) Anthracene	17.40	178	972096	47.993	ng	99
73) Carbazole	17.67	167	879244	47.087	ng	100
74) Di-n-butylphthalate	18.23	149	1069994	46.370	ng	99
75) Fluoranthene	19.32	202	1137069	47.978	ng	100
77) Benzidine	19.50	184	382654	36.499	ng	97
78) Pyrene	19.69	202	1141846	47.041	ng	98
80) Butylbenzylphthalate	20.57	149	492531	44.526	ng	100
81) Benzo(a)anthracene	21.50	228	1090660	46.820	ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	341256	37.746	ng	99
83) Chrysene	21.56	228	1041122	46.239	ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	684427	44.953	ng	100
85) Di-n-octyl phthalate	22.57	149	1225222	46.510	ng	99
86) Indeno(1,2,3-cd)pyrene	28.08	276	1345608	45.807	ng	99
88) Benzo(b)fluoranthene	23.62	252	1144445	51.469	ng	99
89) Benzo(k)fluoranthene	23.68	252	1143788	52.778	ng	99
90) Benzo(a)pyrene	24.44	252	1066557	50.732	ng	100
91) Dibenzo(a,h)anthracene	28.13	278	1117234	53.697	ng	99
92) Benzo(g,h,i)perylene	29.16	276	1133276	54.410	ng	99

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

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