Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021420\
Data File : BG044438.D
Acq On : 14 Feb 2020 14:40
Operator : CG/JU
Sample : PB126818BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126818BS

Manual Integrations APPROVED
mohammad
2/17/2020 3:48:34 PM

Quant Time: Feb 17 08:38:40 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	7.89	152	66239	20.00	ng		-0.01
21) Naphthalene-d8	10.70	136	287663	20.00	ng		0.00
39) Acenaphthene-d10	14.54	164	192313	20.00	ng		0.00
64) Phenanthrene-d10	17.28	188	433742	20.00	ng		0.00
76) Chrysene-d12	21.52	240	427768	20.00	ng		-0.01
87) Perylene-d12	24.60	264	367520	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	453476	120.82	ng		0.00
7) Phenol-d6	7.07	99	602894	119.62	ng		0.00
23) Nitrobenzene-d5	9.05	82	322767	63.35	ng		-0.01
42) 2,4,6-Tribromophenol	16.03	330	247615	109.68	ng		0.00
45) 2-Fluorobiphenyl	13.16	172	764374	66.56	ng		0.00
79) Terphenyl-d14	19.90	244	1334634	64.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	54439	32.283	ng		99
3) Pyridine	3.75	79	128441	28.589	ng		99
4) n-Nitrosodimethylamine	3.66	42	65161	34.708	ng		91
6) Aniline	7.22	93	174071	27.825	ng		97
8) 2-Chlorophenol	7.46	128	178811	43.349	ng		98
9) Benzaldehyde	7.03	77	30390	10.587	ng		97
10) Phenol	7.10	94	217436	43.592	ng		99
11) bis(2-Chloroethyl)ether	7.31	93	166491	39.042	ng		97
12) 1,3-Dichlorobenzene	7.79	146	179457	36.438	ng		98
13) 1,4-Dichlorobenzene	7.93	146	182473	37.408	ng		99
14) 1,2-Dichlorobenzene	8.25	146	175627	38.092	ng		97
15) Benzyl Alcohol	8.13	79	147596	41.364	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.43	45	219229	37.983	ng		97
17) 2-Methylphenol	8.35	107	153736	43.199	ng		97
18) Hexachloroethane	8.98	117	65653	35.867	ng		99
19) n-Nitroso-di-n-propylamine	8.70	70	128801	38.345	ng		98
20) 3+4-Methylphenols	8.68	107	208212	42.452	ng		97
22) Acetophenone	8.72	105	246268	35.191	ng	#	99
24) Nitrobenzene	9.09	77	184090	37.008	ng		99
25) Isophorone	9.62	82	363778	38.304	ng		100
26) 2-Nitrophenol	9.81	139	104800	40.603	ng		98
27) 2,4-Dimethylphenol	9.87	122	171055	46.948	ng		99
28) bis(2-Chloroethoxy)methane	10.10	93	227996	35.987	ng		99
29) 2,4-Dichlorophenol	10.35	162	179339	40.707	ng		98
30) 1,2,4-Trichlorobenzene	10.56	180	181690	35.966	ng		99
31) Naphthalene	10.74	128	535785	38.390	ng		100
32) Benzoic acid	10.03	122	79185	37.425	ng		92
33) 4-Chloroaniline	10.86	127	140482	22.132	ng		98
34) Hexachlorobutadiene	11.04	225	107084	34.450	ng		99
35) Caprolactam	11.61	113	67668m	41.929	ng		
36) 4-Chloro-3-methylphenol	11.99	107	189482	41.022	ng		99
37) 2-Methylnaphthalene	12.36	142	404294	39.016	ng		98
38) 1-Methylnaphthalene	12.58	142	381269	39.026	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	197940	34.408	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.71	237	151060	54.725	ng	100
43) 2,4,6-Trichlorophenol	12.97	196	141484	38.050	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	153470	40.408	ng	99
46) 1,1'-Biphenyl	13.37	154	508040	36.624	ng	99
47) 2-Chloronaphthalene	13.41	162	397895	36.046	ng	99
48) 2-Nitroaniline	13.61	65	115661	35.504	ng	96
49) Acenaphthylene	14.26	152	636478	39.312	ng	98
50) Dimethylphthalate	13.99	163	523471	37.867	ng	100
51) 2,6-Dinitrotoluene	14.10	165	118096	38.314	ng	98
52) Acenaphthene	14.60	154	386266	36.808	ng	98
53) 3-Nitroaniline	14.44	138	87050	25.527	ng	96
54) 2,4-Dinitrophenol	14.65	184	139528	76.739	ng	96
55) Dibenzofuran	14.94	168	611055	38.459	ng	97
56) 4-Nitrophenol	14.76	139	222389	89.030	ng	96
57) 2,4-Dinitrotoluene	14.90	165	167218	38.707	ng	96
58) Fluorene	15.58	166	483954	38.672	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	137177	39.987	ng	98
60) Diethylphthalate	15.36	149	526468	38.220	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	253338	37.336	ng	99
62) 4-Nitroaniline	15.60	138	121364	35.617	ng	97
63) Azobenzene	15.87	77	457487	37.895	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	107622	44.950	ng	95
66) n-Nitrosodiphenylamine	15.79	169	455964	37.511	ng	98
67) 4-Bromophenyl-phenylether	16.47	248	167602	35.467	ng	98
68) Hexachlorobenzene	16.60	284	185245	34.990	ng	97
69) Atrazine	16.74	200	168853	40.529	ng	98
70) Pentachlorophenol	16.94	266	195932	73.453	ng	99
71) Phenanthrene	17.32	178	811124	38.619	ng	98
72) Anthracene	17.41	178	817325	39.360	ng	98
73) Carbazole	17.68	167	779317	40.710	ng	99
74) Di-n-butylphthalate	18.25	149	982439	41.530	ng	99
75) Fluoranthene	19.33	202	1033911	42.553	ng	99
77) Benzidine	19.52	184	211642	17.837	ng	98
78) Pyrene	19.70	202	1050520	38.240	ng	98
80) Butylbenzylphthalate	20.58	149	467792	37.367	ng	99
81) Benzo(a)anthracene	21.51	228	1012533	38.406	ng	99
82) 3,3'-Dichlorobenzidine	21.42	252	355028	34.698	ng	99
83) Chrysene	21.57	228	975781	38.291	ng	99
84) Bis(2-ethylhexyl)phthalate	21.42	149	654623	37.990	ng	99
85) Di-n-octyl phthalate	22.59	149	1159908	38.905	ng	99
86) Indeno(1,2,3-cd)pyrene	28.11	276	1212838	36.480	ng	100
88) Benzo(b)fluoranthene	23.63	252	1046001	49.391	ng	99
89) Benzo(k)fluoranthene	23.70	252	1057032	51.211	ng	99
90) Benzo(a)pyrene	24.46	252	967262	48.307	ng	99
91) Dibenzo(a,h)anthracene	28.16	278	1020995	51.522	ng	98
92) Benzo(g,h,i)perylene	29.19	276	1028814	51.862	ng	99

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

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