Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045136.D
Acq On : 22 Apr 2020 21:26
Operator : CG/JU
Sample : L2327-30MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4-DMS

Manual Integrations APPROVED
mohammad
4/24/2020 4:19:19 AM

Quant Time: Apr 23 02:58:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 12:56:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	85221	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	337583	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	230723	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	510281	20.00	ng		0.00
76) Chrysene-d12	21.67	240	452939	20.00	ng		0.00
87) Perylene-d12	24.86	264	508607	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	740811	143.51	ng		0.00
7) Phenol-d6	7.19	99	1052150	137.19	ng		0.00
23) Nitrobenzene-d5	9.18	82	691764	93.50	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	497866	139.68	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1533286	97.45	ng		0.00
79) Terphenyl-d14	20.01	244	2206331	106.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	90548	39.471	ng		97
3) Pyridine	3.87	79	265671	37.613	ng		99
4) n-Nitrosodimethylamine	3.78	42	109034	50.391	ng		88
6) Aniline	7.34	93	349490	35.048	ng		97
8) 2-Chlorophenol	7.58	128	308594	55.626	ng		96
9) Benzaldehyde	7.14	77	149169	32.557	ng		98
10) Phenol	7.21	94	412231	53.714	ng		99
11) bis(2-Chloroethyl)ether	7.43	93	287701	47.084	ng		97
12) 1,3-Dichlorobenzene	7.91	146	332300	50.832	ng		98
13) 1,4-Dichlorobenzene	8.05	146	332890	51.104	ng		98
14) 1,2-Dichlorobenzene	8.37	146	316081	50.721	ng		96
15) Benzyl Alcohol	8.25	79	307806	47.869	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	256382	42.744	ng		97
17) 2-Methylphenol	8.46	107	278785	47.082	ng		97
18) Hexachloroethane	9.11	117	125143	51.104	ng		91
19) n-Nitroso-di-n-propylamine	8.82	70	244497	45.079	ng		95
20) 3+4-Methylphenols	8.79	107	386127	46.588	ng		98
22) Acetophenone	8.84	105	460593	50.453	ng	#	97
24) Nitrobenzene	9.22	77	385568	50.842	ng		97
25) Isophorone	9.75	82	689900	45.535	ng		98
26) 2-Nitrophenol	9.93	139	180873	55.369	ng		99
27) 2,4-Dimethylphenol	10.00	122	279837	53.989	ng		97
28) bis(2-Chloroethoxy)methane	10.22	93	395640	49.700	ng		98
29) 2,4-Dichlorophenol	10.48	162	327195	54.669	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	362419	53.483	ng		97
31) Naphthalene	10.87	128	950557	51.472	ng		99
32) Benzoic acid	10.16	122	220886	52.121	ng		98
33) 4-Chloroaniline	10.97	127	126518	14.690	ng		95
34) Hexachlorobutadiene	11.17	225	244629	52.654	ng		97
35) Caprolactam	11.76	113	112949m	47.418	ng		
36) 4-Chloro-3-methylphenol	12.11	107	363976	51.768	ng		97
37) 2-Methylnaphthalene	12.48	142	714124	49.820	ng		96
38) 1-Methylnaphthalene	12.70	142	679078	50.183	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	407882	54.906	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	462786	99.673	ng		96
43) 2,4,6-Trichlorophenol	13.09	196	295169	56.299	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	308084	51.625	ng		97
46) 1,1'-Biphenyl	13.49	154	901929	51.431	ng		98
47) 2-Chloronaphthalene	13.53	162	705975	52.686	ng		97
48) 2-Nitroaniline	13.72	65	222044	50.364	ng		94
49) Acenaphthylene	14.38	152	1128413	51.700	ng		99
50) Dimethylphthalate	14.11	163	1126765	59.977	ng		99
51) 2,6-Dinitrotoluene	14.22	165	217491	51.759	ng		98
52) Acenaphthene	14.72	154	805184m	54.524	ng		
53) 3-Nitroaniline	14.55	138	138395	30.030	ng		95
54) 2,4-Dinitrophenol	14.76	184	185334	74.174	ng		94
55) Dibenzofuran	15.05	168	1091168	50.681	ng		96
56) 4-Nitrophenol	14.88	139	342243	95.777	ng		94
57) 2,4-Dinitrotoluene	15.01	165	301401	49.082	ng		96
58) Fluorene	15.70	166	889884	50.602	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	289196	54.462	ng		98
60) Diethylphthalate	15.47	149	928020	47.380	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	495920	48.993	ng		98
62) 4-Nitroaniline	15.72	138	187280	39.180	ng		92
63) Azobenzene	15.99	77	901262	49.908	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	141563	42.206	ng		98
66) n-Nitrosodiphenylamine	15.91	169	791541	53.988	ng		100
67) 4-Bromophenyl-phenylether	16.59	248	345674	52.510	ng		97
68) Hexachlorobenzene	16.71	284	371485	54.411	ng		98
69) Atrazine	16.85	200	319313	61.460	ng		96
70) Pentachlorophenol	17.05	266	455042	108.645	ng		98
71) Phenanthrene	17.44	178	1370258	52.256	ng		98
72) Anthracene	17.53	178	1396821	53.104	ng		98
73) Carbazole	17.80	167	1273278	47.701	ng		100
74) Di-n-butylphthalate	18.36	149	1492735	52.368	ng		99
75) Fluoranthene	19.45	202	1620694	53.789	ng		99
77) Benzidine	19.63	184	744955	58.582	ng		98
78) Pyrene	19.81	202	1581961	50.662	ng		98
80) Butylbenzylphthalate	20.70	149	664257	51.320	ng		99
81) Benzo(a)anthracene	21.65	228	1545458	52.644	ng		100
82) 3,3'-Dichlorobenzidine	21.56	252	458529	39.242	ng		99
83) Chrysene	21.71	228	1469646	52.103	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	916576	51.488	ng		100
85) Di-n-octyl phthalate	22.76	149	1537214	49.936	ng		99
86) Indeno(1,2,3-cd)pyrene	28.48	276	2013391	53.763	ng	#	90
88) Benzo(b)fluoranthene	23.85	252	1682501	52.811	ng		99
89) Benzo(k)fluoranthene	23.92	252	1583725	52.272	ng		99
90) Benzo(a)pyrene	24.71	252	1548231	51.471	ng	#	98
91) Dibenzo(a,h)anthracene	28.54	278	1621538	53.499	ng		96
92) Benzo(g,h,i)perylene	29.60	276	1598525	52.605	ng		98

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

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