Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045154.D
Acq On : 23 Apr 2020 23:08
Operator : CG/JU
Sample : L2258-06MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6MS

Manual Integrations APPROVED
mohammad
4/24/2020 1:35:18 PM

Quant Time: Apr 24 03:47:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:58:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	73222	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	292483	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	195226	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	385188	20.00	ng		0.00
76) Chrysene-d12	21.66	240	375968	20.00	ng		0.00
87) Perylene-d12	24.84	264	421122	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	245361	55.32	ng		0.00
7) Phenol-d6	7.18	99	355418	53.94	ng		0.00
23) Nitrobenzene-d5	9.17	82	229222	35.76	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	151896	50.36	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	531945	39.95	ng		0.00
79) Terphenyl-d14	20.01	244	774728	44.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	80829	41.01	ng		99
3) Pyridine	3.86	79	242235	39.91	ng		96
4) n-Nitrosodimethylamine	3.78	42	97035	52.19	ng		88
6) Aniline	7.33	93	276469	32.27	ng		96
8) 2-Chlorophenol	7.58	128	287220	60.26	ng		98
9) Benzaldehyde	7.14	77	132411	34.06	ng		98
10) Phenol	7.21	94	383248	58.12	ng		100
11) bis(2-Chloroethyl)ether	7.42	93	267569	50.97	ng		99
12) 1,3-Dichlorobenzene	7.90	146	310749	55.32	ng		97
13) 1,4-Dichlorobenzene	8.05	146	306560	54.77	ng		98
14) 1,2-Dichlorobenzene	8.36	146	298232	55.70	ng		97
15) Benzyl Alcohol	8.25	79	284218	51.44	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	242142	46.99	ng		98
17) 2-Methylphenol	8.46	107	257271	50.57	ng		96
18) Hexachloroethane	9.10	117	118088	56.13	ng		98
19) n-Nitroso-di-n-propylamine	8.82	70	226828	48.67	ng		99
20) 3+4-Methylphenols	8.79	107	353264	49.61	ng		97
22) Acetophenone	8.83	105	430287	54.40	ng	#	99
24) Nitrobenzene	9.21	77	350669	53.37	ng	#	96
25) Isophorone	9.74	82	626926	47.76	ng	#	97
26) 2-Nitrophenol	9.93	139	163559	57.79	ng		97
27) 2,4-Dimethylphenol	9.99	122	258080	57.47	ng		94
28) bis(2-Chloroethoxy)methane	10.22	93	353403	51.24	ng		99
29) 2,4-Dichlorophenol	10.47	162	299066	57.67	ng		99
30) 1,2,4-Trichlorobenzene	10.68	180	329084	56.05	ng		96
31) Naphthalene	10.87	128	862269	53.89	ng		99
32) Benzoic acid	10.16	122	215859	57.97	ng		98
33) 4-Chloroaniline	10.97	127	169614	22.73	ng		99
34) Hexachlorobutadiene	11.16	225	219976	54.65	ng		99
35) Caprolactam	11.75	113	90377m	43.79	ng		
36) 4-Chloro-3-methylphenol	12.11	107	318624	52.31	ng		99
37) 2-Methylnaphthalene	12.48	142	636920	51.29	ng		98
38) 1-Methylnaphthalene	12.69	142	632343	53.93	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	364377	57.97	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	237712	60.51	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	255350	57.56	ng		95
44) 2,4,5-Trichlorophenol	13.16	196	273264	54.12	ng		99
46) 1,1'-Biphenyl	13.48	154	774609	52.20	ng		98
47) 2-Chloronaphthalene	13.53	162	628478	55.43	ng		99
48) 2-Nitroaniline	13.72	65	192356	51.56	ng		96
49) Acenaphthylene	14.37	152	953889	51.65	ng		97
50) Dimethylphthalate	14.10	163	852831	53.65	ng		97
51) 2,6-Dinitrotoluene	14.22	165	182406	51.30	ng		98
52) Acenaphthene	14.71	154	679739m	54.40	ng		
53) 3-Nitroaniline	14.54	138	125355	32.15	ng	#	83
54) 2,4-Dinitrophenol	14.75	184	130014	61.49	ng		91
55) Dibenzofuran	15.05	168	932690	51.20	ng		95
56) 4-Nitrophenol	14.87	139	294545	97.42	ng		95
57) 2,4-Dinitrotoluene	15.01	165	247324	47.60	ng	#	96
58) Fluorene	15.70	166	763283	51.29	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	243186	54.12	ng	#	95
60) Diethylphthalate	15.47	149	766697	46.26	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	419198	48.94	ng		100
62) 4-Nitroaniline	15.71	138	135256	33.44	ng		88
63) Azobenzene	15.98	77	763150	49.94	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	100056	39.52	ng		89
66) n-Nitrosodiphenylamine	15.91	169	708711	64.04	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	276225	55.59	ng		97
68) Hexachlorobenzene	16.71	284	298052	57.83	ng		99
69) Atrazine	16.86	200	260663	66.90	ng		99
70) Pentachlorophenol	17.05	266	361082	114.21	ng		98
71) Phenanthrene	17.44	178	1128989	57.04	ng		97
72) Anthracene	17.53	178	1140050	57.42	ng		97
73) Carbazole	17.80	167	1025836	50.91	ng		100
74) Di-n-butylphthalate	18.36	149	1176931	55.01	ng		98
75) Fluoranthene	19.45	202	1272312	56.23	ng		98
77) Benzidine	19.62	184	652133	62.16	ng		98
78) Pyrene	19.81	202	1299028	50.12	ng		100
80) Butylbenzylphthalate	20.69	149	525982	48.96	ng		97
81) Benzo(a)anthracene	21.65	228	1335555	54.81	ng		100
82) 3,3'-Dichlorobenzidine	21.55	252	445919	45.98	ng	#	99
83) Chrysene	21.71	228	1269062	54.20	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	773577	52.35	ng		98
85) Di-n-octyl phthalate	22.76	149	1339043	52.40	ng		99
86) Indeno(1,2,3-cd)pyrene	28.47	276	1688177	54.31	ng	#	98
88) Benzo(b)fluoranthene	23.84	252	1458589	55.29	ng		99
89) Benzo(k)fluoranthene	23.91	252	1407074	56.09	ng		98
90) Benzo(a)pyrene	24.70	252	1343682	53.95	ng	#	98
91) Dibenzo(a,h)anthracene	28.54	278	1381167	55.03	ng		97
92) Benzo(g,h,i)perylene	29.60	276	1268179	50.40	ng		97

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

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