Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045155.D
Acq On : 23 Apr 2020 23:48
Operator : CG/JU
Sample : L2258-06MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6MSD

Manual Integrations APPROVED
mohammad
4/24/2020 1:35:21 PM

Quant Time: Apr 24 03:49:47 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	71607	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	287206	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	188661	20.00	ng		0.01
64) Phenanthrene-d10	17.40	188	370213	20.00	ng		0.01
76) Chrysene-d12	21.66	240	368479	20.00	ng		0.00
87) Perylene-d12	24.84	264	422405	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	555436	128.06	ng		0.00
7) Phenol-d6	7.18	99	797036	123.68	ng		0.01
23) Nitrobenzene-d5	9.17	82	525358	83.46	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	347825	119.34	ng		0.01
45) 2-Fluorobiphenyl	13.27	172	1131302	87.93	ng		0.00
79) Terphenyl-d14	20.01	244	1615974	95.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	81948	42.51	ng		97
3) Pyridine	3.86	79	248494	41.87	ng		97
4) n-Nitrosodimethylamine	3.77	42	101144	55.63	ng		89
6) Aniline	7.33	93	181220	21.63	ng		96
8) 2-Chlorophenol	7.57	128	298564	64.05	ng		99
9) Benzaldehyde	7.14	77	141909	38.70	ng		99
10) Phenol	7.20	94	401765	62.30	ng		98
11) bis(2-Chloroethyl)ether	7.43	93	282766	55.07	ng		97
12) 1,3-Dichlorobenzene	7.90	146	326259	59.40	ng		96
13) 1,4-Dichlorobenzene	8.04	146	324592	59.30	ng		99
14) 1,2-Dichlorobenzene	8.37	146	312930	59.76	ng		94
15) Benzyl Alcohol	8.24	79	296403	54.86	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	256904	50.97	ng		94
17) 2-Methylphenol	8.46	107	273176	54.91	ng		97
18) Hexachloroethane	9.10	117	130324	63.34	ng		98
19) n-Nitroso-di-n-propylamine	8.82	70	244321	53.61	ng		97
20) 3+4-Methylphenols	8.78	107	371796	53.39	ng		96
22) Acetophenone	8.83	105	453990	58.45	ng		98
24) Nitrobenzene	9.21	77	375201	58.15	ng		98
25) Isophorone	9.74	82	677331	52.55	ng	#	95
26) 2-Nitrophenol	9.92	139	172569	62.09	ng		93
27) 2,4-Dimethylphenol	10.00	122	271970	61.67	ng		99
28) bis(2-Chloroethoxy)methane	10.22	93	373588	55.16	ng		98
29) 2,4-Dichlorophenol	10.47	162	313488	61.57	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	350299	60.76	ng		97
31) Naphthalene	10.87	128	902625	57.45	ng		98
32) Benzoic acid	10.17	122	224157	60.94	ng		86
33) 4-Chloroaniline	10.98	127	116833	15.94	ng		98
34) Hexachlorobutadiene	11.16	225	233179	58.99	ng		98
35) Caprolactam	11.76	113	89792m	44.31	ng		
36) 4-Chloro-3-methylphenol	12.11	107	338106	56.52	ng		99
37) 2-Methylnaphthalene	12.48	142	678530	55.64	ng		95
38) 1-Methylnaphthalene	12.70	142	731643m	63.55	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	386941	63.70	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	230117	60.61	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	263737	61.52	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	281313	57.65	ng	#	93
46) 1,1'-Biphenyl	13.48	154	810349	56.51	ng		98
47) 2-Chloronaphthalene	13.53	162	647828	59.13	ng		99
48) 2-Nitroaniline	13.73	65	203719	56.51	ng		98
49) Acenaphthylene	14.38	152	1005118	56.32	ng		96
50) Dimethylphthalate	14.11	163	1010541	65.78	ng		97
51) 2,6-Dinitrotoluene	14.22	165	188738	54.93	ng		98
52) Acenaphthene	14.72	154	718404m	59.49	ng		
53) 3-Nitroaniline	14.55	138	117474	31.17	ng	#	91
54) 2,4-Dinitrophenol	14.76	184	132403	64.80	ng		91
55) Dibenzofuran	15.05	168	981996	55.78	ng	#	92
56) 4-Nitrophenol	14.87	139	321450	110.01	ng		89
57) 2,4-Dinitrotoluene	15.01	165	259202	51.62	ng	#	96
58) Fluorene	15.70	166	839505	58.38	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	253812	58.46	ng	#	91
60) Diethylphthalate	15.47	149	783084	48.89	ng		97
61) 4-Chlorophenyl-phenylether	15.69	204	439638	53.12	ng		99
62) 4-Nitroaniline	15.71	138	136763	34.99	ng		91
63) Azobenzene	15.99	77	781785	52.94	ng		93
65) 4,6-Dinitro-2-methylphenol	15.78	198	100928	41.48	ng	#	70
66) n-Nitrosodiphenylamine	15.90	169	830084	78.04	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	288724	60.45	ng		92
68) Hexachlorobenzene	16.72	284	308498	62.28	ng		98
69) Atrazine	16.86	200	269268	72.30	ng		97
70) Pentachlorophenol	17.06	266	377950	124.38	ng		98
71) Phenanthrene	17.44	178	1284408	67.51	ng		96
72) Anthracene	17.54	178	1192573	62.49	ng		99
73) Carbazole	17.80	167	1051003	54.27	ng		98
74) Di-n-butylphthalate	18.36	149	1216403	59.68	ng	#	97
75) Fluoranthene	19.45	202	1340276	62.31	ng		97
77) Benzidine	19.62	184	682743	66.87	ng		99
78) Pyrene	19.81	202	1389273	54.69	ng		99
80) Butylbenzylphthalate	20.69	149	558532	53.04	ng		96
81) Benzo(a)anthracene	21.64	228	1407894	58.95	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	231668	24.37	ng	#	98
83) Chrysene	21.71	228	1337409	58.28	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	815861	56.34	ng		98
85) Di-n-octyl phthalate	22.75	149	1421528	56.76	ng		99
86) Indeno(1,2,3-cd)pyrene	28.47	276	1801159	59.12	ng	#	96
88) Benzo(b)fluoranthene	23.84	252	1538237	58.14	ng		99
89) Benzo(k)fluoranthene	23.91	252	1521821	60.48	ng		99
90) Benzo(a)pyrene	24.70	252	1441911	57.72	ng	#	98
91) Dibenzo(a,h)anthracene	28.53	278	1465043	58.20	ng		95
92) Benzo(g,h,i)perylene	29.60	276	1346492	53.35	ng		97

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

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