Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042820\
Data File : BG045186.D
Acq On : 28 Apr 2020 15:34
Operator : CG/JU
Sample : L2331-08MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-19AMSD

Manual Integrations APPROVED
mohammad
4/30/2020 12:04:36 AM

Quant Time: Apr 28 16:14:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 14:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	61287	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	247737	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	193499	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	491624	20.00	ng		0.00
76) Chrysene-d12	21.65	240	452175	20.00	ng		0.00
87) Perylene-d12	24.83	264	472986	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	503050	135.51	ng		0.00
7) Phenol-d6	7.17	99	664199	120.43	ng		0.01
23) Nitrobenzene-d5	9.16	82	476776	87.81	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	421657	141.06	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1145106	86.78	ng		0.00
79) Terphenyl-d14	20.00	244	2132159	102.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	72535	43.967	ng	#	64
3) Pyridine	3.87	79	145466	28.637	ng		96
4) n-Nitrosodimethylamine	3.76	42	72702	46.721	ng		97
6) Aniline	7.32	93	101559	14.162	ng		98
8) 2-Chlorophenol	7.57	128	198735	49.813	ng		99
10) Phenol	7.19	94	239540	43.401	ng		98
11) bis(2-Chloroethyl)ether	7.41	93	195461	44.481	ng		95
12) 1,3-Dichlorobenzene	7.89	146	217859	46.340	ng		99
13) 1,4-Dichlorobenzene	8.03	146	217177	46.360	ng		99
14) 1,2-Dichlorobenzene	8.35	146	206905	46.167	ng		94
15) Benzyl Alcohol	8.24	79	194737	42.112	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	173890	40.313	ng		96
17) 2-Methylphenol	8.45	107	178506	41.919	ng		98
18) Hexachloroethane	9.09	117	84532	48.001	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	167912	43.048	ng		98
20) 3+4-Methylphenols	8.77	107	244890	41.086	ng		96
22) Acetophenone	8.82	105	311065	46.431	ng	#	98
24) Nitrobenzene	9.20	77	253509	45.551	ng		97
25) Isophorone	9.73	82	488044	43.894	ng		98
26) 2-Nitrophenol	9.91	139	113872	47.501	ng		97
27) 2,4-Dimethylphenol	9.98	122	184730	48.565	ng		95
28) bis(2-Chloroethoxy)methane	10.21	93	266291	45.583	ng		98
29) 2,4-Dichlorophenol	10.46	162	217938	49.620	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	231140	46.481	ng		96
31) Naphthalene	10.86	128	630263	46.506	ng		98
32) Benzoic acid	10.12	122	126755	42.147	ng		92
33) 4-Chloroaniline	10.97	127	13961	2.209	ng		94
34) Hexachlorobutadiene	11.15	225	158908	46.608	ng		98
35) Caprolactam	11.73	113	66880m	38.260	ng		
36) 4-Chloro-3-methylphenol	12.10	107	260206	50.431	ng		97
37) 2-Methylnaphthalene	12.47	142	479951	45.626	ng		96
38) 1-Methylnaphthalene	12.68	142	468936	47.222	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	265229	42.572	ng		99
41) Hexachlorocyclopentadiene	12.82	237	380295	97.663	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.07	196	203026	46.174 ng	98
44) 2,4,5-Trichlorophenol	13.15	196	221370	44.230 ng	99
46) 1,1'-Biphenyl	13.47	154	624433	42.457 ng	99
47) 2-Chloronaphthalene	13.52	162	487659	43.394 ng	98
48) 2-Nitroaniline	13.71	65	161930	43.795 ng	95
49) Acenaphthylene	14.36	152	817745	44.674 ng	99
50) Dimethylphthalate	14.09	163	726807	46.130 ng	98
51) 2,6-Dinitrotoluene	14.20	165	165556	46.979 ng	98
52) Acenaphthene	14.70	154	655132m	52.897 ng	
53) 3-Nitroaniline	14.53	138	36432	9.426 ng	93
54) 2,4-Dinitrophenol	14.74	184	222813	106.328 ng	93
55) Dibenzofuran	15.04	168	822198	45.535 ng	97
56) 4-Nitrophenol	14.86	139	232139	77.461 ng	97
57) 2,4-Dinitrotoluene	15.00	165	242080	47.005 ng	95
58) Fluorene	15.69	166	695813	47.178 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	221332	49.700 ng	98
60) Diethylphthalate	15.46	149	753155	45.849 ng	98
61) 4-Chlorophenyl-phenylether	15.68	204	385839	45.451 ng	98
62) 4-Nitroaniline	15.70	138	131837	32.886 ng	92
63) Azobenzene	15.97	77	697390	46.048 ng	99
65) 4,6-Dinitro-2-methylphenol	15.76	198	163767	50.679 ng	94
66) n-Nitrosodiphenylamine	15.90	169	572838	40.554 ng	99
67) 4-Bromophenyl-phenylether	16.58	248	273907	43.187 ng	97
68) Hexachlorobenzene	16.70	284	299993	45.607 ng	96
69) Atrazine	16.84	200	134982	23.967 ng	97
70) Pentachlorophenol	17.04	266	366033	90.710 ng	99
71) Phenanthrene	17.43	178	1152575	45.623 ng	99
72) Anthracene	17.52	178	1191217	47.006 ng	99
73) Carbazole	17.79	167	1014907	39.465 ng	97
74) Di-n-butylphthalate	18.35	149	1337272	48.202 ng	99
75) Fluoranthene	19.44	202	1457773	49.744 ng	98
78) Pyrene	19.80	202	1439257	46.170 ng	99
80) Butylbenzylphthalate	20.68	149	593100	45.900 ng	98
81) Benzo(a)anthracene	21.63	228	1339516	45.706 ng	98
82) 3,3'-Dichlorobenzidine	21.55	252	58208	4.990 ng	95
83) Chrysene	21.70	228	1311464	46.574 ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	834264	46.943 ng	99
85) Di-n-octyl phthalate	22.75	149	1403803	45.679 ng	100
86) Indeno(1,2,3-cd)pyrene	28.45	276	1644064	43.975 ng	98
88) Benzo(b)fluoranthene	23.83	252	1435859	48.463 ng	99
89) Benzo(k)fluoranthene	23.89	252	1455129	51.645 ng	99
90) Benzo(a)pyrene	24.68	252	1324280	47.341 ng	98
91) Dibenzo(a,h)anthracene	28.51	278	1366922	48.495 ng	96
92) Benzo(g,h,i)perylene	29.57	276	1265608	44.786 ng	98

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

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