Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044844.D
Acq On : 17 Mar 2020 22:29
Operator : CG/JU
Sample : L1922-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-2MS

Manual Integrations APPROVED
mohammad
3/18/2020 4:00:22 PM

Quant Time: Mar 18 02:37:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	79409	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	310585	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	218733	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	538293	20.00	ng		0.00
76) Chrysene-d12	21.70	240	453374	20.00	ng		0.00
87) Perylene-d12	24.90	264	520609	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	599155	117.46	ng		0.00
7) Phenol-d6	7.20	99	786763	106.15	ng		0.00
23) Nitrobenzene-d5	9.21	82	603791	85.31	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	442866	154.63	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1284415	84.09	ng		0.00
79) Terphenyl-d14	20.03	244	2228561	91.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	79089	32.196	ng	#	42
3) Pyridine	3.92	79	194876	26.798	ng		96
4) n-Nitrosodimethylamine	3.82	42	110747	40.138	ng		87
6) Aniline	7.37	93	120944	13.114	ng		99
8) 2-Chlorophenol	7.61	128	254493	49.977	ng		96
9) Benzaldehyde	7.18	77	194830	44.572	ng		100
10) Phenol	7.23	94	299012	40.750	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	251529	42.952	ng		99
12) 1,3-Dichlorobenzene	7.94	146	265088	42.259	ng		93
13) 1,4-Dichlorobenzene	8.08	146	269556	43.466	ng		98
14) 1,2-Dichlorobenzene	8.40	146	252300	42.897	ng		96
15) Benzyl Alcohol	8.28	79	274135	46.099	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	367650	35.575	ng		99
17) 2-Methylphenol	8.49	107	230471	46.369	ng		98
18) Hexachloroethane	9.14	117	105726	43.303	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	219932	42.025	ng		97
20) 3+4-Methylphenols	8.81	107	313653	45.777	ng		98
22) Acetophenone	8.86	105	392432	44.600	ng	#	98
24) Nitrobenzene	9.25	77	326904	44.513	ng		99
25) Isophorone	9.78	82	622177	45.040	ng		98
26) 2-Nitrophenol	9.96	139	142298	54.914	ng		99
27) 2,4-Dimethylphenol	10.02	122	239027	53.135	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	345818	41.949	ng		99
29) 2,4-Dichlorophenol	10.50	162	266104	50.645	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	283509	45.126	ng		95
31) Naphthalene	10.90	128	784568	45.601	ng		98
32) Benzoic acid	10.16	122	141892	42.002	ng		98
33) 4-Chloroaniline	11.01	127	22072	2.847	ng	#	93
34) Hexachlorobutadiene	11.20	225	183193	44.339	ng		96
35) Caprolactam	11.77	113	78835m	39.628	ng		
36) 4-Chloro-3-methylphenol	12.13	107	320313	51.114	ng		98
37) 2-Methylnaphthalene	12.51	142	597893	46.457	ng		96
38) 1-Methylnaphthalene	12.73	142	570749	47.172	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	319738	44.386	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	365777	92.913	ng		95
43) 2,4,6-Trichlorophenol	13.11	196	242421	50.709	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	261290	52.703	ng		94
46) 1,1'-Biphenyl	13.52	154	766268	43.838	ng		98
47) 2-Chloronaphthalene	13.55	162	589218	44.127	ng		98
48) 2-Nitroaniline	13.75	65	223192	47.744	ng		97
49) Acenaphthylene	14.40	152	995418	47.584	ng		98
50) Dimethylphthalate	14.14	163	904281	51.907	ng		98
51) 2,6-Dinitrotoluene	14.25	165	184641	52.581	ng		94
52) Acenaphthene	14.75	154	715319	52.213	ng		99
53) 3-Nitroaniline	14.57	138	40978	10.150	ng		86
54) 2,4-Dinitrophenol	14.78	184	175383	93.957	ng	#	89
55) Dibenzofuran	15.08	168	952081	47.923	ng		98
56) 4-Nitrophenol	14.88	139	310970	100.927	ng		97
57) 2,4-Dinitrotoluene	15.03	165	269076	55.871	ng		99
58) Fluorene	15.73	166	798106	48.835	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	260104	56.984	ng		96
60) Diethylphthalate	15.50	149	865783	47.649	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	427334	48.561	ng		100
62) 4-Nitroaniline	15.73	138	181765	42.222	ng		97
63) Azobenzene	16.02	77	859921	45.574	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	139754	54.016	ng		98
66) n-Nitrosodiphenylamine	15.93	169	735504	45.384	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	302404	44.938	ng		99
68) Hexachlorobenzene	16.74	284	333405	45.667	ng		95
69) Atrazine	16.88	200	305953	51.528	ng		98
70) Pentachlorophenol	17.08	266	424828	105.759	ng		99
71) Phenanthrene	17.47	178	1346667	46.815	ng		98
72) Anthracene	17.56	178	1368111	48.233	ng		98
73) Carbazole	17.83	167	1280364	46.993	ng		97
74) Di-n-butylphthalate	18.39	149	1535317	46.355	ng		99
75) Fluoranthene	19.48	202	1609153	46.982	ng		98
77) Benzidine	19.65	184	309099	21.001	ng		97
78) Pyrene	19.83	202	1604953	48.251	ng		98
80) Butylbenzylphthalate	20.73	149	682040	46.091	ng		99
81) Benzo(a)anthracene	21.67	228	1556688	47.684	ng		100
82) 3,3'-Dichlorobenzidine	21.59	252	175040	13.859	ng		99
83) Chrysene	21.74	228	1469036	47.108	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	946456	46.343	ng		97
85) Di-n-octyl phthalate	22.81	149	1611158	47.144	ng		99
86) Indeno(1,2,3-cd)pyrene	28.57	276	1967778	48.131	ng	#	97
88) Benzo(b)fluoranthene	23.89	252	1647057	47.922	ng		99
89) Benzo(k)fluoranthene	23.96	252	1585849	48.758	ng		99
90) Benzo(a)pyrene	24.75	252	1506640	46.849	ng		98
91) Dibenzo(a,h)anthracene	28.63	278	1604340	50.566	ng		97
92) Benzo(g,h,i)perylene	29.70	276	1638605	51.119	ng		96

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

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