Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044788.D
Acq On : 14 Mar 2020 7:29
Operator : CG/JU
Sample : L1761-10MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 16 02:16:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 16:27:39 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SU-01-031220MSD

Manual Integrations APPROVED
mohammad
3/18/2020 8:43:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	110468	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	430345	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	285104	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	618849	20.00	ng	0.00
76) Chrysene-d12	21.70	240	501081	20.00	ng	0.00
87) Perylene-d12	24.92	264	571491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	839340	118.28	ng	0.00
7) Phenol-d6	7.21	99	1098615	106.55	ng	0.00
23) Nitrobenzene-d5	9.21	82	864701	88.17	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	525685	140.82	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1724635	86.63	ng	0.00
79) Terphenyl-d14	20.04	244	2428890	90.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	109162	31.944	ng	# 33
3) Pyridine	3.94	79	185679	18.354	ng	98
4) n-Nitrosodimethylamine	3.83	42	151931	39.582	ng	91
6) Aniline	7.37	93	314548	24.517	ng	94
8) 2-Chlorophenol	7.62	128	343451	48.483	ng	97
9) Benzaldehyde	7.19	77	269620	44.236	ng	99
10) Phenol	7.24	94	410394	40.205	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	348171	42.738	ng	99
12) 1,3-Dichlorobenzene	7.94	146	310120	35.538	ng	96
13) 1,4-Dichlorobenzene	8.09	146	313270	36.312	ng	99
14) 1,2-Dichlorobenzene	8.41	146	297696	36.384	ng	97
15) Benzyl Alcohol	8.29	79	375488	45.390	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	539147	37.502	ng	98
17) 2-Methylphenol	8.49	107	314239	45.447	ng	91
18) Hexachloroethane	9.15	117	118384	34.855	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	304302	41.798	ng	97
20) 3+4-Methylphenols	8.82	107	431017	45.220	ng	96
22) Acetophenone	8.87	105	538649	44.182	ng	98
24) Nitrobenzene	9.25	77	463702	45.569	ng	99
25) Isophorone	9.78	82	850076	44.413	ng	99
26) 2-Nitrophenol	9.96	139	187453	52.480	ng	94
27) 2,4-Dimethylphenol	10.03	122	333984	53.582	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	475467	41.625	ng	98
29) 2,4-Dichlorophenol	10.51	162	353812	48.598	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	354751	40.751	ng	98
31) Naphthalene	10.92	128	1012856	42.487	ng	98
32) Benzoic acid	10.17	122	194063	41.584	ng	94
33) 4-Chloroaniline	11.02	127	119900	11.164	ng	97
34) Hexachlorobutadiene	11.21	225	221425	38.679	ng	96
35) Caprolactam	11.78	113	96403m	34.973	ng	
36) 4-Chloro-3-methylphenol	12.13	107	405089	46.653	ng	96
37) 2-Methylnaphthalene	12.52	142	781846	43.844	ng	98
38) 1-Methylnaphthalene	12.74	142	745095	44.444	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	423162	45.068	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	225335	43.914	ng		99
43) 2,4,6-Trichlorophenol	13.12	196	313507	50.312	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	329236	50.948	ng		97
46) 1,1'-Biphenyl	13.52	154	983379	43.162	ng		96
47) 2-Chloronaphthalene	13.57	162	765329	43.973	ng		99
48) 2-Nitroaniline	13.75	65	298015	48.909	ng		98
49) Acenaphthylene	14.41	152	1264488	46.375	ng		100
50) Dimethylphthalate	14.14	163	1056543	46.529	ng		99
51) 2,6-Dinitrotoluene	14.25	165	228941	50.019	ng		96
52) Acenaphthene	14.75	154	790814	44.285	ng		99
53) 3-Nitroaniline	14.58	138	150791	28.655	ng		100
54) 2,4-Dinitrophenol	14.78	184	71949	35.275	ng	#	76
55) Dibenzofuran	15.09	168	1199491	46.321	ng		98
56) 4-Nitrophenol	14.89	139	352831	87.855	ng		96
57) 2,4-Dinitrotoluene	15.04	165	314993	50.179	ng	#	89
58) Fluorene	15.73	166	973448	45.698	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	301165m	50.620	ng		
60) Diethylphthalate	15.51	149	1041428	43.973	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	527282	45.970	ng		97
62) 4-Nitroaniline	15.74	138	210180	37.457	ng		98
63) Azobenzene	16.02	77	1089415	44.296	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	61815	25.537	ng		97
66) n-Nitrosodiphenylamine	15.94	169	875414	46.985	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	365995	47.308	ng		95
68) Hexachlorobenzene	16.74	284	395859	47.164	ng		98
69) Atrazine	16.89	200	336616	49.313	ng		98
70) Pentachlorophenol	17.09	266	478152	103.539	ng		98
71) Phenanthrene	17.47	178	1502189	45.424	ng		99
72) Anthracene	17.57	178	1553844	47.650	ng		99
73) Carbazole	17.83	167	1425539	45.510	ng		99
74) Di-n-butylphthalate	18.40	149	1634939	42.938	ng		99
75) Fluoranthene	19.48	202	1724768	43.803	ng		100
77) Benzidine	19.65	184	636858	39.150	ng		99
78) Pyrene	19.84	202	1720740	46.807	ng		99
80) Butylbenzylphthalate	20.73	149	754912	46.158	ng		98
81) Benzo(a)anthracene	21.69	228	1690309	46.847	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	512625	36.724	ng		99
83) Chrysene	21.75	228	1566360	45.447	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	1035288	45.866	ng		100
85) Di-n-octyl phthalate	22.83	149	1729999	45.802	ng		100
86) Indeno(1,2,3-cd)pyrene	28.58	276	1922506	42.547	ng	#	94
88) Benzo(b)fluoranthene	23.91	252	1772286	46.975	ng		99
89) Benzo(k)fluoranthene	23.98	252	1646648	46.119	ng		98
90) Benzo(a)pyrene	24.77	252	1602304	45.387	ng		99
91) Dibenzo(a,h)anthracene	28.65	278	1628089	46.746	ng		97
92) Benzo(g,h,i)perylene	29.72	276	1526831	43.391	ng		98

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

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