Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044893.D
Acq On : 19 Mar 2020 11:40
Operator : CG/JU
Sample : L1759-15MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-031620MS

Manual Integrations APPROVED
mohammad
3/23/2020 9:39:08 AM

Quant Time: Mar 19 14:48:29 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	84111	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	326571	20.00	ng	-0.01
39) Acenaphthene-d10	14.67	164	214482	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	495022	20.00	ng	0.00
76) Chrysene-d12	21.69	240	458055	20.00	ng	-0.01
87) Perylene-d12	24.90	264	519398	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	659431	122.04	ng	0.00
7) Phenol-d6	7.21	99	847120	107.91	ng	0.00
23) Nitrobenzene-d5	9.20	82	653350	87.79	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	419447	149.36	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1341974	89.60	ng	0.00
79) Terphenyl-d14	20.03	244	2136104	87.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	94269	36.230	ng	# 35
3) Pyridine	3.93	79	179844	23.348	ng	97
4) n-Nitrosodimethylamine	3.83	42	133008	45.511	ng	95
6) Aniline	7.37	93	219138	22.433	ng	98
8) 2-Chlorophenol	7.61	128	269174	49.905	ng	95
9) Benzaldehyde	7.18	77	193698	40.729	ng	96
10) Phenol	7.23	94	312632	40.225	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	262164	42.265	ng	91
12) 1,3-Dichlorobenzene	7.94	146	291085	43.810	ng	100
13) 1,4-Dichlorobenzene	8.08	146	300029	45.675	ng	97
14) 1,2-Dichlorobenzene	8.40	146	270836	43.474	ng	98
15) Benzyl Alcohol	8.28	79	290666	46.147	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	402521	36.772	ng	99
17) 2-Methylphenol	8.48	107	239528	45.497	ng	96
18) Hexachloroethane	9.13	117	113027	43.705	ng	90
19) n-Nitroso-di-n-propylamine	8.85	70	231456	41.754	ng	98
20) 3+4-Methylphenols	8.81	107	323579	44.586	ng	97
22) Acetophenone	8.86	105	418902	45.278	ng	98
24) Nitrobenzene	9.25	77	345203	44.703	ng	98
25) Isophorone	9.77	82	640773	44.116	ng	98
26) 2-Nitrophenol	9.96	139	151781	55.627	ng	96
27) 2,4-Dimethylphenol	10.02	122	254224	53.746	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	360132	41.546	ng	99
29) 2,4-Dichlorophenol	10.50	162	275709	49.904	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	299755	45.376	ng	96
31) Naphthalene	10.90	128	825371	45.624	ng	98
32) Benzoic acid	10.16	122	136283	39.204	ng	98
33) 4-Chloroaniline	11.00	127	48210	5.915	ng	97
34) Hexachlorobutadiene	11.20	225	198534	45.700	ng	98
35) Caprolactam	11.77	113	74849m	35.783	ng	
36) 4-Chloro-3-methylphenol	12.12	107	308496	46.819	ng	94
37) 2-Methylnaphthalene	12.51	142	618696	45.720	ng	98
38) 1-Methylnaphthalene	12.72	142	581262m	45.689	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	332248	47.037	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	400642	103.786	ng		98
43) 2,4,6-Trichlorophenol	13.11	196	241363	51.488	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	254817	52.416	ng		94
46) 1,1'-Biphenyl	13.51	154	768621	44.844	ng		100
47) 2-Chloronaphthalene	13.55	162	592971	45.288	ng		99
48) 2-Nitroaniline	13.75	65	221165	48.248	ng		99
49) Acenaphthylene	14.40	152	974038	47.485	ng		99
50) Dimethylphthalate	14.13	163	853244	49.948	ng		99
51) 2,6-Dinitrotoluene	14.24	165	183161	53.193	ng		98
52) Acenaphthene	14.74	154	710258	52.871	ng		98
53) 3-Nitroaniline	14.57	138	72978	18.435	ng		91
54) 2,4-Dinitrophenol	14.77	184	196065	105.953	ng		87
55) Dibenzofuran	15.07	168	937096	48.103	ng		100
56) 4-Nitrophenol	14.88	139	271054	89.715	ng		95
57) 2,4-Dinitrotoluene	15.03	165	250158	52.973	ng	#	98
58) Fluorene	15.73	166	758798	47.350	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	243726	54.454	ng		95
60) Diethylphthalate	15.50	149	813542	45.661	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	418235	48.469	ng		99
62) 4-Nitroaniline	15.73	138	182519	43.238	ng		94
63) Azobenzene	16.01	77	822673	44.464	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	145111	59.992	ng		96
66) n-Nitrosodiphenylamine	15.93	169	692175	46.444	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	290725	46.978	ng		98
68) Hexachlorobenzene	16.74	284	312650	46.568	ng		99
69) Atrazine	16.88	200	272541	49.913	ng		98
70) Pentachlorophenol	17.07	266	382865	103.644	ng		99
71) Phenanthrene	17.47	178	1220531	46.139	ng		100
72) Anthracene	17.55	178	1249801	47.914	ng		98
73) Carbazole	17.82	167	1164069	46.459	ng		99
74) Di-n-butylphthalate	18.39	149	1373439	45.093	ng		99
75) Fluoranthene	19.47	202	1489285	47.283	ng		100
77) Benzidine	19.65	184	223157	15.007	ng		98
78) Pyrene	19.83	202	1485152	44.193	ng		98
80) Butylbenzylphthalate	20.72	149	643187	43.021	ng		97
81) Benzo(a)anthracene	21.67	228	1465457	44.430	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	223802	17.539	ng		98
83) Chrysene	21.74	228	1386428	44.004	ng		100
84) Bis(2-ethylhexyl)phthalate	21.60	149	899201	43.579	ng		97
85) Di-n-octyl phthalate	22.81	149	1557653	45.112	ng		99
86) Indeno(1,2,3-cd)pyrene	28.55	276	1926732	46.646	ng	#	97
88) Benzo(b)fluoranthene	23.88	252	1601389	46.702	ng		99
89) Benzo(k)fluoranthene	23.95	252	1534506	47.289	ng		98
90) Benzo(a)pyrene	24.75	252	1484349	46.263	ng		96
91) Dibenzo(a,h)anthracene	28.61	278	1563176	49.384	ng		98
92) Benzo(g,h,i)perylene	29.68	276	1604007	50.156	ng		99

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

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