Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040513.D
Acq On : 16 Apr 2019 21:31
Operator : JU/SJ
Sample : K2422-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP1-DMS

Manual Integrations APPROVED
Sohil
4/17/2019 3:33:41 PM

Quant Time: Apr 17 03:31:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	4244	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	7412	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	4866	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	11375	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	10558	20.00	ng	-0.04
87) Perylene-d12	24.97	264	12862	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	415956	1629.34	ng	-0.02
7) Phenol-d6	7.20	99	589093	1669.68	ng	-0.02
23) Nitrobenzene-d5	9.22	82	354389	2541.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	228636	4347.62	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	753403	2294.21	ng	-0.03
79) Terphenyl-d14	20.02	244	1166533	2485.60	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	44981	374.710	ng	# 96
3) Pyridine	3.89	79	116238	359.640	ng	98
4) n-Nitrosodimethylamine	3.82	42	60941	407.616	ng	# 94
6) Aniline	7.37	93	87841	191.631	ng	97
8) 2-Chlorophenol	7.61	128	128339	429.452	ng	98
9) Benzaldehyde	7.19	77	46242	191.072	ng	96
10) Phenol	7.23	94	172757	451.115	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	124940	407.338	ng	99
12) 1,3-Dichlorobenzene	7.93	146	132709	408.510	ng	95
13) 1,4-Dichlorobenzene	8.08	146	132328	408.980	ng	95
14) 1,2-Dichlorobenzene	8.39	146	128633	415.729	ng	98
15) Benzyl Alcohol	8.28	79	112289	395.189	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	244128	414.717	ng	99
17) 2-Methylphenol	8.48	107	116122	438.205	ng	98
18) Hexachloroethane	9.12	117	47286	384.209	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	99882	394.851	ng	97
20) 3+4-Methylphenols	8.81	107	159139	443.297	ng	95
22) Acetophenone	8.87	105	193657	1047.411	ng	99
24) Nitrobenzene	9.26	77	148995	1031.822	ng	94
25) Isophorone	9.77	82	291050	1014.399	ng	97
26) 2-Nitrophenol	9.97	139	72008	1052.403	ng	97
27) 2,4-Dimethylphenol	10.02	122	133724	1230.390	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	175413	1033.366	ng	98
29) 2,4-Dichlorophenol	10.50	162	131275	1112.789	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	135862	1048.844	ng	98
31) Naphthalene	10.91	128	407328	1072.144	ng	99
32) Benzoic acid	10.18	122	35088m	534.339	ng	
33) 4-Chloroaniline	11.03	127	69518	428.976	ng	97
34) Hexachlorobutadiene	11.17	225	80933	976.936	ng	94
35) Caprolactam	11.81	113	49135	1049.553	ng	92
36) 4-Chloro-3-methylphenol	12.14	107	157852	1163.925	ng	98
37) 2-Methylnaphthalene	12.51	142	305917	1088.741	ng	100
38) 1-Methylnaphthalene	12.72	142	290390	1065.777	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	153984	995.638	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	154286	1816.866	ng	93
43) 2,4,6-Trichlorophenol	13.11	196	107984	1082.945	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	119674	1101.110	ng	99
46) 1,1'-Biphenyl	13.51	154	402169	1046.014	ng	99
47) 2-Chloronaphthalene	13.56	162	302829	1026.823	ng	98
48) 2-Nitroaniline	13.77	65	110997	1115.789	ng	94
49) Acenaphthylene	14.40	152	518845	1037.628	ng	100
50) Dimethylphthalate	14.13	163	564444	1482.134	ng	98
51) 2,6-Dinitrotoluene	14.26	165	93932	1098.482	ng	97
52) Acenaphthene	14.74	154	301972	1053.920	ng	98
53) 3-Nitroaniline	14.59	138	53075	586.364	ng	93
54) 2,4-Dinitrophenol	14.80	184	76058	1672.469	ng	93
55) Dibenzofuran	15.07	168	510513	1108.840	ng	99
56) 4-Nitrophenol	14.90	139	141597	1938.259	ng	99
57) 2,4-Dinitrotoluene	15.04	165	136105	1145.493	ng	98
58) Fluorene	15.72	166	401339	1108.744	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	111268	1128.180	ng	97
60) Diethylphthalate	15.47	149	446312	1145.262	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	213544	1103.660	ng	99
62) 4-Nitroaniline	15.76	138	108721	1119.238	ng	99
63) Azobenzene	16.00	77	417465	1135.678	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	66716	1043.960	ng	98
66) n-Nitrosodiphenylamine	15.93	169	386263	1160.422	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	141821	1107.906	ng	98
68) Hexachlorobenzene	16.71	284	145122	1127.542	ng	95
69) Atrazine	16.87	200	141029	1138.959	ng	97
70) Pentachlorophenol	17.07	266	137209	1843.947	ng	95
71) Phenanthrene	17.47	178	720876	1205.699	ng	98
72) Anthracene	17.55	178	734358	1227.118	ng	100
73) Carbazole	17.83	167	683048	1206.040	ng	99
74) Di-n-butylphthalate	18.36	149	832901	1240.672	ng	99
75) Fluoranthene	19.47	202	869061	1227.525	ng	99
77) Benzidine	19.66	184	170582	447.415	ng	99
78) Pyrene	19.83	202	870157	1253.273	ng	100
80) Butylbenzylphthalate	20.70	149	387647	1304.757	ng	99
81) Benzo(a)anthracene	21.67	228	781561	1201.818	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	151702	613.227	ng	99
83) Chrysene	21.74	228	770519	1232.845	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	561723	1322.634	ng	97
85) Di-n-octyl phthalate	22.76	149	950988	1314.272	ng	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	923660	1208.335	ng	99
88) Benzo(b)fluoranthene	23.92	252	825110	1047.809	ng	100
89) Benzo(k)fluoranthene	23.99	252	814229	1124.378	ng	98
90) Benzo(a)pyrene	24.82	252	816390	1104.956	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	741998	1081.306	ng	98
92) Benzo(g,h,i)perylene	29.92	276	755889	1071.854	ng	100

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

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