Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
Data File : BG039318.D
Acq On : 29 Jan 2019 15:44
Operator : JU/SJ
Sample : PB116679BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116679BS

Manual Integrations APPROVED
mohammad
1/30/2019 11:09:40 AM

Quant Time: Jan 30 02:58:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	38468	20.00	ng		0.00
21) Naphthalene-d8	11.01	136	168100	20.00	ng		0.00
39) Acenaphthene-d10	14.81	164	109922	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	276258	20.00	ng		0.00
76) Chrysene-d12	21.85	240	287480	20.00	ng		0.00
87) Perylene-d12	25.24	264	289233	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	202907	90.28	ng		0.00
7) Phenol-d6	7.32	99	294550	89.03	ng		0.00
23) Nitrobenzene-d5	9.36	82	229255	85.20	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	99588	84.13	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	600472	78.37	ng		0.00
79) Terphenyl-d14	20.15	244	905639	66.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	30150	30.666	ng		98
3) Pyridine	4.02	79	85958	33.022	ng		96
4) n-Nitrosodimethylamine	3.93	42	52585	40.394	ng		99
6) Aniline	7.51	93	104179	25.139	ng		96
8) 2-Chlorophenol	7.74	128	103027	41.935	ng		99
9) Benzaldehyde	7.32	77	81132	54.359	ng		99
10) Phenol	7.35	94	147200	42.682	ng		98
11) bis(2-Chloroethyl)ether	7.60	93	98863	36.278	ng		99
12) 1,3-Dichlorobenzene	8.07	146	105787	35.543	ng		96
13) 1,4-Dichlorobenzene	8.22	146	107418	36.210	ng		98
14) 1,2-Dichlorobenzene	8.54	146	100368	34.949	ng		98
15) Benzyl Alcohol	8.42	79	102747	39.558	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.70	45	213715	34.727	ng		98
17) 2-Methylphenol	8.61	107	92221	41.321	ng		97
18) Hexachloroethane	9.27	117	38569	37.790	ng		91
19) n-Nitroso-di-n-propylamine	8.99	70	81541	34.725	ng	#	98
20) 3+4-Methylphenols	8.94	107	129438	42.117	ng		96
22) Acetophenone	9.02	105	152671	33.811	ng	#	97
24) Nitrobenzene	9.40	77	116088	39.934	ng		94
25) Isophorone	9.92	82	233894	39.225	ng		99
26) 2-Nitrophenol	10.11	139	45627	42.008	ng		96
27) 2,4-Dimethylphenol	10.15	122	111351	46.163	ng		93
28) bis(2-Chloroethoxy)methane	10.40	93	141340	38.483	ng		98
29) 2,4-Dichlorophenol	10.64	162	111641	42.348	ng		96
30) 1,2,4-Trichlorobenzene	10.86	180	106676	36.042	ng		99
31) Naphthalene	11.06	128	319389	38.299	ng		99
32) Benzoic acid	10.26	122	62833	41.325	ng		90
33) 4-Chloroaniline	11.17	127	61555	15.919	ng		96
34) Hexachlorobutadiene	11.32	225	67523	34.305	ng		98
35) Caprolactam	11.95	113	38703m	35.478	ng		
36) 4-Chloro-3-methylphenol	12.26	107	124484	40.830	ng		97
37) 2-Methylnaphthalene	12.65	142	247828	40.124	ng		99
38) 1-Methylnaphthalene	12.87	142	234313	39.354	ng		99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	129285	36.966	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.98	237	167706	87.998	ng		98
43) 2,4,6-Trichlorophenol	13.24	196	90529	42.099	ng		97
44) 2,4,5-Trichlorophenol	13.31	196	98563	43.732	ng		96
46) 1,1'-Biphenyl	13.64	154	334378	36.561	ng		99
47) 2-Chloronaphthalene	13.69	162	251037	36.487	ng		99
48) 2-Nitroaniline	13.90	65	77491	40.727	ng		96
49) Acenaphthylene	14.54	152	412302	39.715	ng		99
50) Dimethylphthalate	14.26	163	341730	38.493	ng		100
51) 2,6-Dinitrotoluene	14.38	165	67650	41.760	ng		98
52) Acenaphthene	14.87	154	253761	37.656	ng		99
53) 3-Nitroaniline	14.71	138	36755	23.845	ng		95
54) 2,4-Dinitrophenol	14.91	184	55379	76.917	ng		95
55) Dibenzofuran	15.21	168	411643	38.098	ng		99
56) 4-Nitrophenol	15.00	139	131866	81.995	ng		95
57) 2,4-Dinitrotoluene	15.17	165	90938	43.637	ng	#	96
58) Fluorene	15.85	166	327417	40.650	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.42	232	97600m	46.251	ng		
60) Diethylphthalate	15.61	149	355935	38.777	ng		98
61) 4-Chlorophenyl-phenylether	15.84	204	166812	36.576	ng		97
62) 4-Nitroaniline	15.88	138	75274	41.097	ng		93
63) Azobenzene	16.13	77	331391	36.938	ng		99
65) 4,6-Dinitro-2-methylphenol	15.92	198	42586	41.492	ng		96
66) n-Nitrosodiphenylamine	16.05	169	304485	36.248	ng		98
67) 4-Bromophenyl-phenylether	16.73	248	110242	35.971	ng		99
68) Hexachlorobenzene	16.85	284	110416	35.909	ng		92
69) Atrazine	17.00	200	120582	39.281	ng		98
70) Pentachlorophenol	17.19	266	149178	69.804	ng		99
71) Phenanthrene	17.60	178	560836	39.224	ng		99
72) Anthracene	17.69	178	575020	40.828	ng		99
73) Carbazole	17.96	167	520710	37.047	ng		99
74) Di-n-butylphthalate	18.50	149	644721	39.318	ng		100
75) Fluoranthene	19.59	202	686893	41.389	ng		99
77) Benzidine	19.77	184	290304	30.801	ng		97
78) Pyrene	19.96	202	697579	38.979	ng		98
80) Butylbenzylphthalate	20.83	149	300019	39.741	ng		97
81) Benzo(a)anthracene	21.83	228	680118	40.038	ng		98
82) 3,3'-Dichlorobenzidine	21.74	252	119931	19.041	ng		99
83) Chrysene	21.90	228	640653	39.618	ng		99
84) Bis(2-ethylhexyl)phthalate	21.71	149	407192	37.807	ng		99
85) Di-n-octyl phthalate	22.99	149	711021	39.960	ng		99
86) Indeno(1,2,3-cd)pyrene	29.15	276	725159	41.797	ng		99
88) Benzo(b)fluoranthene	24.15	252	663736	42.079	ng		98
89) Benzo(k)fluoranthene	24.23	252	627149	39.602	ng		99
90) Benzo(a)pyrene	25.08	252	633128	41.678	ng		98
91) Dibenzo(a,h)anthracene	29.23	278	585663	41.167	ng		99
92) Benzo(g,h,i)perylene	30.37	276	597040	42.105	ng		100

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

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