Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039661.D
Acq On : 28 Feb 2019 15:42
Operator : JU/SJ
Sample : PB117458BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117458BS

Manual Integrations APPROVED
Sohil
3/1/2019 4:23:24 PM

Quant Time: Mar 01 06:14:01 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	8.17	152	52744	20.00	ng		-0.02
21) Naphthalene-d8	10.99	136	255109	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	196715	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	504401	20.00	ng		-0.02
76) Chrysene-d12	21.82	240	382188	20.00	ng		-0.02
87) Perylene-d12	25.20	264	347172	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	523034	169.72	ng		0.00
7) Phenol-d6	7.31	99	772345	170.26	ng		0.00
23) Nitrobenzene-d5	9.34	82	378509	92.69	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	368815	174.11	ng		-0.01
45) 2-Fluorobiphenyl	13.41	172	993342	72.44	ng		-0.02
79) Terphenyl-d14	20.13	244	1528048	84.63	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	42133	31.255	ng		100
3) Pyridine	4.00	79	126837	35.538	ng		95
4) n-Nitrosodimethylamine	3.92	42	71643	40.138	ng		90
6) Aniline	7.49	93	176028	30.980	ng		99
8) 2-Chlorophenol	7.73	128	171546	50.925	ng		96
9) Benzaldehyde	7.31	77	47717	17.563	ng		96
10) Phenol	7.34	94	237155	50.153	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	154470	41.341	ng		96
12) 1,3-Dichlorobenzene	8.05	146	156706	38.401	ng		97
13) 1,4-Dichlorobenzene	8.20	146	162620	39.981	ng		98
14) 1,2-Dichlorobenzene	8.52	146	159328	40.464	ng		98
15) Benzyl Alcohol	8.40	79	164824	46.282	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.68	45	292675	34.686	ng		98
17) 2-Methylphenol	8.60	107	158634	51.840	ng		98
18) Hexachloroethane	9.25	117	57417	41.031	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	134564	41.795	ng		93
20) 3+4-Methylphenols	8.92	107	218884	51.944	ng		98
22) Acetophenone	8.99	105	253140	36.940	ng	#	95
24) Nitrobenzene	9.39	77	198648	45.028	ng		97
25) Isophorone	9.90	82	394829	43.631	ng		98
26) 2-Nitrophenol	10.09	139	102528	56.195	ng		97
27) 2,4-Dimethylphenol	10.13	122	189252	51.699	ng		96
28) bis(2-Chloroethoxy)methane	10.38	93	239833	43.028	ng		99
29) 2,4-Dichlorophenol	10.63	162	204479	51.109	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	186133	41.439	ng		96
31) Naphthalene	11.04	128	538074	42.516	ng		99
32) Benzoic acid	10.28	122	116357	48.440	ng		96
33) 4-Chloroaniline	11.15	127	152406	25.972	ng		96
34) Hexachlorobutadiene	11.30	225	116658	39.053	ng		95
35) Caprolactam	11.94	113	78795m	47.594	ng		
36) 4-Chloro-3-methylphenol	12.25	107	234533	50.689	ng		100
37) 2-Methylnaphthalene	12.63	142	435252	46.434	ng		97
38) 1-Methylnaphthalene	12.85	142	416012	46.041	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	243001	38.825	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	264150	77.450	ng		98
43) 2,4,6-Trichlorophenol	13.22	196	180602	46.930	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	196316	48.673	ng		98
46) 1,1'-Biphenyl	13.62	154	604383	36.927	ng		99
47) 2-Chloronaphthalene	13.68	162	474686	38.553	ng		99
48) 2-Nitroaniline	13.88	65	173295	48.823	ng		94
49) Acenaphthylene	14.52	152	777884	41.869	ng		99
50) Dimethylphthalate	14.24	163	663797	41.781	ng		99
51) 2,6-Dinitrotoluene	14.37	165	154971	51.618	ng		96
52) Acenaphthene	14.86	154	475724	39.447	ng		99
53) 3-Nitroaniline	14.70	138	113251	36.874	ng	#	94
54) 2,4-Dinitrophenol	14.90	184	125619	90.080	ng		93
55) Dibenzofuran	15.19	168	795306	41.131	ng		99
56) 4-Nitrophenol	15.00	139	238119	82.684	ng		89
57) 2,4-Dinitrotoluene	15.15	165	222955	56.887	ng		85
58) Fluorene	15.84	166	634492	44.018	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	199858	52.922	ng		96
60) Diethylphthalate	15.59	149	694577	42.284	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	341806	41.879	ng		98
62) 4-Nitroaniline	15.87	138	154790	46.596	ng		92
63) Azobenzene	16.11	77	606722	37.789	ng		96
65) 4,6-Dinitro-2-methylphenol	15.91	198	113943	54.416	ng		97
66) n-Nitrosodiphenylamine	16.04	169	595256	38.811	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	230632	41.215	ng		97
68) Hexachlorobenzene	16.83	284	236935	42.203	ng		93
69) Atrazine	16.98	200	240840	42.970	ng		98
70) Pentachlorophenol	17.18	266	261521	67.022	ng		99
71) Phenanthrene	17.58	178	1053246	40.344	ng		98
72) Anthracene	17.67	178	1067080	41.497	ng		97
73) Carbazole	17.94	167	889533	34.662	ng		99
74) Di-n-butylphthalate	18.47	149	1146262	38.286	ng		98
75) Fluoranthene	19.58	202	1114545	36.782	ng		99
77) Benzidine	19.76	184	272406	21.740	ng		98
78) Pyrene	19.94	202	1086452	45.664	ng		98
80) Butylbenzylphthalate	20.80	149	409585	40.810	ng		97
81) Benzo(a)anthracene	21.81	228	961515	42.576	ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	258211	30.836	ng		100
83) Chrysene	21.88	228	898007	41.772	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	566590	39.571	ng		99
85) Di-n-octyl phthalate	22.93	149	971311	41.061	ng		95
86) Indeno(1,2,3-cd)pyrene	29.09	276	1062967	46.085	ng	#	96
88) Benzo(b)fluoranthene	24.12	252	943435	49.830	ng		99
89) Benzo(k)fluoranthene	24.19	252	893310	46.995	ng		98
90) Benzo(a)pyrene	25.04	252	910982	49.960	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	862404	50.503	ng		97
92) Benzo(g,h,i)perylene	30.31	276	870321	51.134	ng		98

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

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