Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
Data File : BG039327.D
Acq On : 30 Jan 2019 14:33
Operator : JU/SJ
Sample : PB116707BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116707BS

Manual Integrations APPROVED
mohammad
2/1/2019 12:05:32 AM

Quant Time: Jan 30 17:31:30 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	8.18	152	40317	20.00	ng		0.00
21) Naphthalene-d8	11.01	136	173664	20.00	ng		0.00
39) Acenaphthene-d10	14.81	164	115688	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	289127	20.00	ng		0.00
76) Chrysene-d12	21.84	240	295204	20.00	ng		0.00
87) Perylene-d12	25.24	264	307922	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	342643	145.46	ng		0.00
7) Phenol-d6	7.32	99	490354	141.42	ng		0.00
23) Nitrobenzene-d5	9.36	82	252461	90.82	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	172681	138.61	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	635362	78.79	ng		0.00
79) Terphenyl-d14	20.15	244	1121015	80.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	50317	48.832	ng		97
3) Pyridine	4.01	79	105955	38.838	ng		96
4) n-Nitrosodimethylamine	3.93	42	59213	43.399	ng		99
6) Aniline	7.51	93	132060	30.406	ng		99
8) 2-Chlorophenol	7.74	128	119522	46.417	ng		98
9) Benzaldehyde	7.32	77	29491	13.512	ng		97
10) Phenol	7.35	94	166074	45.946	ng		97
11) bis(2-Chloroethyl)ether	7.60	93	114530	40.099	ng		97
12) 1,3-Dichlorobenzene	8.07	146	125559	40.252	ng		98
13) 1,4-Dichlorobenzene	8.22	146	127114	40.884	ng		98
14) 1,2-Dichlorobenzene	8.54	146	119764	39.791	ng		98
15) Benzyl Alcohol	8.42	79	115900	42.575	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.70	45	248463	38.522	ng		99
17) 2-Methylphenol	8.61	107	106146	45.380	ng		99
18) Hexachloroethane	9.27	117	43771	40.921	ng		94
19) n-Nitroso-di-n-propylamine	8.99	70	93001	37.789	ng		99
20) 3+4-Methylphenols	8.93	107	146092	45.356	ng		98
22) Acetophenone	9.01	105	176197	37.771	ng	#	98
24) Nitrobenzene	9.40	77	133699	44.519	ng		96
25) Isophorone	9.92	82	267025	43.347	ng		100
26) 2-Nitrophenol	10.11	139	52585	45.581	ng	#	93
27) 2,4-Dimethylphenol	10.15	122	126628	50.815	ng		98
28) bis(2-Chloroethoxy)methane	10.40	93	160457	42.288	ng		96
29) 2,4-Dichlorophenol	10.64	162	124074	45.556	ng		95
30) 1,2,4-Trichlorobenzene	10.86	180	129588	42.381	ng		97
31) Naphthalene	11.06	128	371259	43.093	ng		99
32) Benzoic acid	10.27	122	75756	46.721	ng		91
33) 4-Chloroaniline	11.16	127	82172	20.570	ng		99
34) Hexachlorobutadiene	11.32	225	79759	39.223	ng		96
35) Caprolactam	11.95	113	44115m	39.143	ng		
36) 4-Chloro-3-methylphenol	12.26	107	137092	43.524	ng		98
37) 2-Methylnaphthalene	12.65	142	282201	44.225	ng		96
38) 1-Methylnaphthalene	12.87	142	267459	43.482	ng		99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	144859	39.355	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	201334	100.378	ng		99
43) 2,4,6-Trichlorophenol	13.24	196	104368	46.116	ng		97
44) 2,4,5-Trichlorophenol	13.31	196	109250	46.058	ng		97
46) 1,1'-Biphenyl	13.64	154	372756	38.726	ng		99
47) 2-Chloronaphthalene	13.69	162	283289	39.122	ng		98
48) 2-Nitroaniline	13.90	65	90027	44.096	ng		97
49) Acenaphthylene	14.54	152	469619	42.981	ng		99
50) Dimethylphthalate	14.25	163	378974	40.561	ng		100
51) 2,6-Dinitrotoluene	14.38	165	75810	44.040	ng		99
52) Acenaphthene	14.87	154	292726	41.273	ng		99
53) 3-Nitroaniline	14.71	138	49451	28.870	ng		96
54) 2,4-Dinitrophenol	14.91	184	74358	90.466	ng		96
55) Dibenzofuran	15.21	168	458814	40.348	ng		99
56) 4-Nitrophenol	14.99	139	149611	87.940	ng		95
57) 2,4-Dinitrotoluene	15.17	165	107118	47.906	ng	#	90
58) Fluorene	15.85	166	363522	42.883	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.42	232	106316	47.870	ng		99
60) Diethylphthalate	15.61	149	389327	40.301	ng		98
61) 4-Chlorophenyl-phenylether	15.84	204	188104	39.189	ng		98
62) 4-Nitroaniline	15.88	138	86547	44.508	ng		94
63) Azobenzene	16.13	77	363808	38.530	ng		98
65) 4,6-Dinitro-2-methylphenol	15.92	198	53734	47.413	ng		95
66) n-Nitrosodiphenylamine	16.05	169	341239	38.815	ng		98
67) 4-Bromophenyl-phenylether	16.73	248	121738	37.954	ng		97
68) Hexachlorobenzene	16.85	284	125550	39.013	ng		94
69) Atrazine	16.99	200	138280	43.041	ng		97
70) Pentachlorophenol	17.19	266	175927	78.656	ng		99
71) Phenanthrene	17.60	178	625254	41.783	ng		99
72) Anthracene	17.69	178	637142	43.226	ng		99
73) Carbazole	17.96	167	575270	39.107	ng		98
74) Di-n-butylphthalate	18.50	149	709794	41.360	ng		100
75) Fluoranthene	19.59	202	776865	44.727	ng		99
77) Benzidine	19.77	184	271101	28.011	ng		99
78) Pyrene	19.96	202	779991	42.443	ng		99
80) Butylbenzylphthalate	20.83	149	332711	42.918	ng		96
81) Benzo(a)anthracene	21.83	228	752073	43.115	ng		100
82) 3,3'-Dichlorobenzidine	21.74	252	151809	23.471	ng		97
83) Chrysene	21.90	228	708694	42.679	ng		99
84) Bis(2-ethylhexyl)phthalate	21.71	149	459431	41.541	ng		100
85) Di-n-octyl phthalate	22.98	149	796755	43.606	ng		98
86) Indeno(1,2,3-cd)pyrene	29.15	276	829181	46.542	ng		99
88) Benzo(b)fluoranthene	24.16	252	746701	44.466	ng		98
89) Benzo(k)fluoranthene	24.23	252	711240	42.186	ng		99
90) Benzo(a)pyrene	25.09	252	721046	44.584	ng		98
91) Dibenzo(a,h)anthracene	29.22	278	669356	44.195	ng		99
92) Benzo(g,h,i)perylene	30.39	276	682397	45.204	ng		98

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

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